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62.39 Boston Athenaeum
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NO. 2.] ESTABLISHED, 1845. [1862.

WASHBURN & CURTIS'S

(LATE BARNES & WASHBURN)

CATALOGUE

OF

CHOICE FLOWER SEEDS

SELECTED FROM THE STOCKS OF THE MOST

CELEBRATED EUROPEAN AND AMERICAN GROWERS.

TO WHICH IS APPENDED

A SUPPLEMENTARY CATALOGUE

OF

FLOWER SEEDS, FOR 1863.

Containing an Additional List of several hundred varieties, including upwards of one hundred New and Rare Sorts, now offered for the first time in America.

WITH COPIOUS

DESCRIPTIVE AND CULTURAL NOTES.

BOSTON ATHENÆUM

WASHBURN & CURTIS,

SEEDSMEN, FLORISTS, AND NURSERYMEN,

HARRISON SQUARE, MASS.

(FOUR MILES FROM BOSTON.)

The following Tables will be found useful to the Gardener, Farmer, and Amateur:

TABLE *showing the number of Plants or Trees to the Acre, at given distances.*

Distance apart.	No. of Plants.	Distance apart.	No. of Plants.
1 foot	43,560	9 feet	537
1½ feet	19,360	12 do.	302
2 do.	10,890	15 do.	193
2½ do.	6.969	18 do.	134
3 do.	4,840	21 do.	98
4 do.	2,722	24 do.	75
5 do.	1,742	27 do.	59
6 do	1,210	38 do.	48

TABLE *showing near the amount of Plants produced by a given quantity of Seed, and the quantity of Seed required for a given amount of Land.*

1 oz. of Artichoke and Cardoon	600 Plants.
1 oz. of Asparagus	1,000 do.
1 oz. of Broccoli, Cabbage, Cauliflower, Egg Plant and Tomato	4,000 do.
1 oz. of Celery and Lettuce	10,000 do.
1 oz. of Leek and Pepper	3,000 do.
1 oz. of Endive	5,000 do.

1 oz. of Beet should be allotted for every rod.
¼ oz. of Carrot should be allotted for every rod.
1 oz. of Corn Salad should be allotted for every two rods.
2 oz. of Parsley, Parsnip and Salsify should be allotted to every three rods.
1 oz. of Onion contains 9,000 seeds, and will sow one rod, requiring from five to eight lbs. to the acre.
4 oz. of Radish, broadcast, will sow three rods; if sown in drills, one-half the quantity will answer.
8 oz. of Spinage, broadcast, will sow five rods; if sown in drills, one-half the quantity will be sufficient.
1 oz. of Cucumber is sufficient for 200 hills.
1 oz. of Melon is sufficient for from 120 to 150 hills.
1 oz. of Watermelon is sufficient for from 40 to 50 hills.
1 oz. of Squash is sufficient for from 50 to 100 hills.
1 qt. of English Beans will plant about 60 feet of row.
1 qt. of Dwarf Beans will plant from 230 to 260 feet of row, or 350 to 400 hills.
1 qt. of Pole Beans will plant from 200 to 250 feet of row, or 100 to 400 hills.
1 qt. of Field Pumpkin will plant from 500 to 600 hills.
1 qt. of Peas will plant from 150 to 200 feet of row.
5 to 10 bushels of Potatoes will plant about 1 acre.
¼ bushel of Sweet Potatoes will produce 20 bushels.
1 pound of Turnip is sufficient for 1 acre.

TABLE *showing the amount of Seed necessary for an Acre, and the number of Pounds in a Bushel.*

	No. of lbs. per bushel.	No. of lbs. per acre.
Timothy	45	10 to 15
Red Clover	60	6 to 10
White Clover	60	4 to 6
Lucerne Clover	60	4 to [illegible]
Espersette Clover	25	— to [illegible]
Hungarian	48	12 to [illegible]
Millet	50	25 to 50
Hemp	44	44 to 110
Buckwheat	52	25 to 52
Kentucky Blue Grass	14	5 to 10
Red Top	14	7 to 14
Orchard Grass	14	7 to 14
Sweet Scented Vernal Grass	11	6 to 11
Sheep's Fescue	14	7 to 14
Flax	56	20 to 30
Top Onion Sets	25	— to —

C A .

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(FOUR MILES FROM BOSTON.)

you our revised and improved
be found to surpass any existing
wo- ared neither time, trouble, nor expense in
its compilation, and s. ourselves amply repaid if we are thus enabled
to afford you increased satisfaction.

The columnar arrangement of the General List has been materially altered, and we trust improved; it has been our endeavor not only to furnish information usually found in such lists, but to make such additions, in shape of copious descriptive and cultural notes, as it appeared to us might be of benefit to the amateur and unprofessional horticulturist. Its adaptation, in short, is such, we hope, as will meet the requirements of all lovers of flowers.

To the assortments of seed (see page 9), especial attention has been paid to render them as complete and satisfactory as possible. They will be found to embrace only such sorts as are of real merit, and well worthy of cultivation. The uninitiated may therefore order them without fear of disappointment; and to the experienced cultivator we trust they will be found acceptable.

The appended collection, taken as a whole, we believe to be one of the most complete in the country, as no care or expense has been spared in selecting our present stock. We believe nothing desirable or suitable for cultivation in this country has been omitted, and we feel confident in recommending it as being worthy of the attention of all interested.

Vegetable Department. — After continued solicitation from many of our correspondents, we now offer a list of Vegetable Seeds which comprises all that is essential in variety for the requirements of vegetable economy in family consumption.

In conclusion, permit us to tender you our sincere thanks for the increased patronage bestowed upon us the last season, and to trust that the character of our seed heretofore sent out will still be such as to merit your confidence and favor.

WASHBURN & CURTIS,

Harrison Square, (near Boston,) Mass.

March, 1863.

Press of Geo. C. Rand & Avery, 3 Cornhill, Boston.

ON THE GROWTH OF FLOWER SEEDS.

As we occasionally hear complaints that seeds do not vegetate, and as seedsmen in general are often accused of sending out worthless seed, we would, in justice to ourselves and others, beg of our patrons to give the following remarks a careful consideration.

That seeds oftentimes refuse to grow, is an established fact; but it is equally certain that that fact alone is no positive proof that the seeds are worthless. Probably ninety per cent. of all the flower seeds sold in this country go into the hands of persons who have no idea how seeds should be grown. Many of them, perhaps, accustomed to putting into the ground peas, beans, radishes, &c., fancy themselves acquainted with sowing seeds in general; and when they fail, the blame is laid, not upon their ignorance, but upon the seedsmen. Is it to be wondered at, then, that there are occasional complaints that seeds do not grow?

An example or two, about which there can be no mistake, will explain our meaning. A few years since some seeds sent from India to a great garden near London, where any amount of skill ought to have been found, were, in part, sown, and reported on as "bad,—will not grow." Two years afterwards, what remained of the original seed, although so much older, was sown, and it grew freely. Why was this? The explanation is simple,—the gardener had been changed. We have many times planted seeds which refused to grow, and, after waiting a sufficient time, have then planted more out of the same parcel, which vegetated readily. This is not an uncommon occurrence among gardeners. And why is this? We would answer that the fault may have been in planting, or in the weather, or in some cause unknown; but one thing we do know,—the fault was not in the seed.

Complaints that seed are not good are perennial, and we quite believe that in nineteen cases out of twenty they arise from injudicious treatment. We think a little consideration would convince any one that, if we know our own interest, we should not be likely to send out poor seed, for the sake of saving a few shillings, at the risk of sacrificing the trade we are striving to extend. Nothing, indeed, is more barbarous than the way in which seeds are sometimes treated. Some are overwhelmed with earth; others are scattered on the surface; some are allowed to lie in a puddle; some are planted where no rain can reach them; slugs are allowed to devour them; domestic fowls and other birds are permitted to feast on them. Another reason why seeds sometimes fail to give satisfaction is, that people are too much in a hurry to get their seeds into the ground; and probably more disappointment arises from too early sowing than from all other causes put together. And then, again, many will allow the weeds to grow with the seeds until the former cannot be removed without destroying the latter; and we have known more than one case where the plants have been pulled up with the weeds,—the person not being able to distinguish between them. In all these cases the seeds are found to be in fault, and the blame is most unreasonably thrown upon the seedsman.

We would suggest to our friends who fail to grow their seeds, that it may be as well to inquire whether any of these ingenious methods of destroying vegetable life have been practised in their own cases.

REMARKS ON THE CULTIVATION OF ANNUALS, BIENNIALS, AND PERENNIALS.

ANNUALS.

Plants known as annuals are raised from the seed, perfect their flowers, mature their seed the same season, and then perish; they are divided as follows: Hardy, half hardy, and tender. Hardy annuals are such as will bear a hard frost; half hardy annuals will bear but little; tender annuals will not bear the frost at all.

BIENNIALS

Are those plants that flower the second, and sometimes the third year from the time the seeds are sown, and then perish.

PERENNIALS

Are those plants which do not in their growth form either trees or shrubs, but lose their tops, wholly or in part, every year after they have done flowering; the roots continue to live and generate for several years successively.

Biennials and perennials are hardy, half hardy, and tender. Hardy biennials and perennials stand the hardest winter without protection; half hardy require to be well protected; and tender biennials and perennials must be kept where frost will not touch them.

TIME OF SOWING SEED IN THE OPEN GROUND.

With regard to the proper time for sowing seed in the open ground, much depends on the character of the season; the general rule recommended has been to sow hardy annuals from the middle of April to the first of May, — half hardy, first of May, — and tender annuals, last of May and first of June. But, from our own experience, we are convinced that more disappointment results from too early sowing than from any other cause. The general rule that we would recommend is not to sow even hardy annuals before the middle of May. We would much rather, as a general thing, defer sowing them until the first part of June than to sow them as early as the middle of April. The half hardy and tender annuals we would sow from the latter part of May to the tenth of June, or even some days later, if necessary. Biennials and perennials may be sown at any time from the middle of April to the first of July; but, in order to get good strong flowering plants for the following season, we would advise to sow them as early as the tenth of June.

MODE OF SOWING.

Seeds may be sown in patches among the border plants, in rows, or groups, where they are to remain, or in a nursery bed, and afterwards transplanted. As a general rule, the surface soil should be rather dry than otherwise at the moment of sowing, and the operation never should be undertaken when the ground is very wet, especially at an early period of the spring. Whenever it may be desirable, for some special reason, to sow when the ground is too damp, the surface should be scraped off to the depth of an inch or two, and its place supplied by a handful of dry soil, on which the seeds may be sown. In the case of seeds of a moderate size, the surface soil may be scraped aside with the edge of a trowel to the depth of a quarter of an inch, and around the circumference of the slight hollow thus made, the seeds may be thinly strewn, the soil being then returned and *gently* pressed flat with the hand or trowel. If the soil should be of an adhesive nature, the pressure should be very slight, or the surface will cake; it will be better in this case to cover the seeds with a little sandy loam, or other friable soil, instead of that where the sowing is made.

It is particularly requisite that seeds should not be sown too deep, from whence arise many of the failures of inexperienced gardeners. The depth at which the seeds are sown will vary with their size; large seeds, such as those of the Lupinus, Sweet Pea, or Marvel of Peru, may be three quarters of an inch deep; other varieties from an eighth to a half inch deep, according to the size or nature of the seed. Some that are very small require to be sown on the actual surface, a slight pressure being then sufficient to imbed them to a proper depth. For the majority of the seeds a very thin covering suffices; if sown too deep they are longer in germinating, and the small ones are liable to decay. It sometimes insures a more even distribution of very small seeds, such as those of Campanula, Digitalis, etc., if they are intimately mixed before sowing with a little fine, dry soil, the mixture being sown in the same way as the seeds. Woolly seeds, which adhere to each other, like the Globe Amaranthus, etc., should be rubbed with a little fine sand, which will generally separate them. In all cases the more thinly the seeds are strown, the better; when too thickly sown, the seedlings become elongated and sickly, an evil which no subsequent thinning out will entirely remedy.

If the soil be dry, and the weather sunny, it will be necessary to water the seeds slightly from a very fine rose watering-pot. Rain water is preferable. In the absence of rain this application must be repeated every day or two, for it is important to observe that, when once the seeds begin to swell, they are peculiarly susceptible to injury from drought, and will speedily perish, unless the soil be maintained in a moist condition; to neglect of this important precaution many failures are solely attributable. On the other hand, an excess of moisture previous to germination will often cause the seed to decay, especially in cold seasons; early in the spring, therefore, the water-pot must be used with judgment, and never late in the day when frosts threaten.

DIRECTIONS FOR SOWING CALCEOLARIAS AND OTHER SEEDS OF GREENHOUSE PLANTS OF DELICATE HABITS.

The cultivation of the Calceolaria from the seed requires a little extra care in the early stage of its culture. To insure success in the raising of seedings, it is requisite to attend to the following directions as nearly as possible. The seed should be sown in pots, prepared in the following manner: the pot to be half filled with drainage, over that rough siftings of the mould, and the surface covered with soil as fine as possible, half of which should be composed of silver sand. When prepared thus it should be watered with a fine rose, immediately after which sow the seed carefully without any covering of soil. The pots should then be placed under a close frame or hand-glass, in a shady part of the garden (no artificial heat being required). In large establishments, of course, they may have propagating or other houses that will do, where the same kind of moist temperature could be obtained, but any exposure to the sun must be carefully guarded against by mats or paper. If the situation is of the proper temperature, they will require watering but very seldom. Directly the seedings are strong enough, they must be pricked off in pots prepared as before, and placed in the same situation: from the store pots they will require to be potted off singly; after this they will grow very rapidly. Through the winter the plants will thrive well on the shelves near the glass, in the greenhouses; and, to obtain fine specimens, they must be shifted on freely till the flower-stalks have started, and should always be smoked with tobacco directly the green-fly appears, as no plants in cultivation so readily suffer from this insect as the Calceolaria.

It is necessary to remark, that one of the most frequent causes of the appearance of these injurious insects is the plant becoming *root-bound;* to avoid which evil, it is important that it should frequently be repotted during the growing season.

*** These remarks will apply also to the cultivation of the Cineraria, except that this plant is more hardy, and will thrive with less care.

There are also many flowers that have very small and fine seeds, and require more care in sowing; in most cases these need no covering of soil, but, after the seed is sown, some fine selected moss damped and placed on them, will be found highly beneficial; the moss can be removed as the vegetation proceeds. Indeed, the treatment given for rearing Calceolaria seed will answer in numerous instances for fine seeds.

NEW LARGE FLOWERED FLAX; OR, LINUM GRANDIFLORUM RUBRUM.

A difficulty has frequently been experienced in raising plants from seed of this most beautiful and first-class bedding annual, though 99 seeds out of 100 may be insured by placing the seed in lukewarm or tepid water for twenty-four hours, after which they should be rubbed dry with linen, so as to clear off the glutinous or gummy solution with which the seed is covered; when this simple operation is concluded, they may be sown at once in the open ground, the same as any common hardy annual; if sowing in frames should be preferred, they should be pricked off into the flower-bed when very young, the same as Rhodanthe Manglesi and others of that class.

There are also other seeds which, either from their not germinating at all, or very few in proportion to the quantity sown, are generally supposed to be bad, — this is often the result of some peculiarity in the formation of the seed or its sheath, and not defect or want of germinating power. Take, for instance, Martynia fragrans, or the beautiful little rambler, Abromia umbellata, which is seen to such advantage when trained on a low sunny wall, and they will be found to germinate freely if, before sowing, the tough skin that incloses the seed is carefully peeled off with a knife.

Many seeds of greenhouse plants and importations from abroad that are of a very hard nature should be placed in a vessel of water, and kept in a higher temperature from twenty-four to forty-eight hours before being sown. A few may even be immersed in boiling water for a short time, but these are only exceptional cases.

A FEW HINTS ON THE CHARACTER AND CULTIVATION OF THE IMPROVED FRENCH AND GERMAN ASTERS.

A whole series of varieties have arisen out of this now most popular plant, by the continued industry and attention given to its cultivation, and each has its peculiarities. We will here mention them in turn, as they have been produced. The progenitor was the single China Aster, which still exists, but sparsely cultivated.

1ST. — GERMAN GLOBE QUILLED ASTERS.

The flowers of this variety are very numerous, large, and full, and of many brilliant colors; habit of plant much branching, and ornamental; height from one and a half to two feet.

2D. — TURKISH ASTER.

This much resembles the German Globe Quilled Aster, but grows only to a height of from one to one and a half feet, has many branches, and the flowers are smaller than the preceding.

3D. — DWARF ASTER.

The individual blossoms of the blossom-tube are partly tubelike and partly leaflike; it reaches a height of from one half to one foot, and is covered with moderate-sized flowers, in variety of colors.

4TH. — FRENCH QUILLED PYRAMIDAL ASTER.

The flowers are produced in full, close compact, hemispherical clusters of quilled, tubelike florets, which appear on the plant nearly all of one height, and in a great variety of colors. Most probably received its name because it resembles an inverted pyramid; not surpassed by any other variety for habit of growth and brilliancy of colors.

5TH. — BOUQUET ASTER.

It is said by the German florists that when this Aster is well-grown each individual plant is so voluptuously covered with bloom that the green of the foliage is scarcely visible; almost every plant forms itself into a perfect bouquet; hence its name. We have frequently grown this Aster in our garden, but for some indefinable reason of climate or air, it has always failed to give out its reputed beauty; height from three-quarters to one and a quarter feet, and of about a dozen shades and colors.

6TH. — TRUFFAUT'S FRENCH PYRAMIDAL ASTERS.

These Asters testify the great care and perseverance the grower has taken in rearing them; there are now five varieties of it, and each has its bevy of distinct colors. First, the Peony-flowered Asters turn their petals towards the centre, and a flower not quite in full bloom resembles a ball; height from one and a half to two and a half feet; produces but few side flowers. Second, Perfection Asters: the blossoms of this kind are large; petals very long and but slightly reflexed; height from two to two and a half feet. Third, Chrysanthemum-flowered Aster: the flowers of this variety are not as large as the preceding; the petals are entirely reflexed; produces many side flowers. Fourth, Bombee: the flowers of this variety are very large and full, and form almost a semi-ball; height from two to two and a half feet. Fifth, Imbricated and Pompone Imbricated (Ranunculus-flowered): the petals of these flowers form themselves like tiles, one on the top of the other, to the centre of the flower; the Pompone produces smaller blooms; neither of them producing but little effect in the garden.

7TH. — THE CROWN OR TWO-COLORED ASTERS.

A new section, which has advanced to four varieties; the one first introduced had full, double flowers, with beautiful white quilled sepals in the centre, surrounded with smooth, large crimson petals, and these again resting upon a circular fringe or band of green leaf-bracts, forming a unique appearance; it now comprises purple, lavender, and rose, with white centre, all possessing that splendid habit that distinguishes Truffaut's French Pyramidal Asters from all others.

8TH. — GIANT EMPEROR ASTER.

This variety has sprung from the Pyramidal Aster, and for size and form is unsurpassed; it bears only a few flowers, on a robust, strong stem, from which the side sprouts grow in the form of a candelabrum; in favorable cases it produces from three to five flowers, of which the chief blossom is four inches in diameter; in spite of their size, all its flowers are of an equal height, forming a flat, table-like cluster; height about two feet.

All the varieties of these most beautiful annuals are well adapted for cultivation in pots in the conservatory or the parlor, and in the borders in the open air, and bloom in almost any situation; but if perfection of bloom is desired, great care and attention are of course requisite.

SOIL AND SITUATION.

The Aster delights in rich, deep loam, well enriched with old, well-rotted manure; and if a good portion of leaf-mould could be added so much the better. The situation should be

sunny; in the shade they do not thrive, becoming drawn, and lacking that rich, vivid color which is one of the chief beauties of the flower. If practical, a sheltered place should also be selected, as the violent rains and winds are apt to dash the plant to the earth, especially when heavy with full-blown flowers. Staking is not absolutely necessary, but very useful, especially with the taller kinds.

TIME OF SOWING.

For early blooming plants the seed may be sown in a cold frame (that is, a simple hot-bed frame without artificial bottom heat), about the 10th of April, taking care to cover with mats at night when there is danger of hard frost; for later flowering plants, sow from first to middle of May, although seed sown as late as the 10th of June will succeed very well.

SOWING.

Seed may be sown in the open ground according to the general direction given (see page 4); but as the choicest varieties of Aster seeds are saved from the most perfect flowers, and as the more perfect the flowers, the less vitality there is in the seed, we would advise the sowing of such in pots or boxes. First, be careful to drain well, by seeing that there are holes in the bottom of the box or pot sufficient to let the surplus water run off freely; then fill in about two inches of broken bricks, charcoal, oyster shells, or stones; then fill even full with light, rich soil, and lightly press the surface, so that the level of the soil may be an inch below the rim of the box or pot; then give a thorough watering with a rose from a watering-pot, so that the soil will be well saturated through; when this is done sow the seed and press them lightly upon the earth, and cover very slightly with a sprinkling of fine soil from a sieve.

When the sowing is thus finished, cover the pots or boxes with panes of glass, which has been whitened by a little chalk or whiting, mixed with water. This glass, which should completely cover the pot, serves the purpose of breaking the force of the sun, and of preventing the evaporation of the moisture which is necessary for the germination of the seed. Then place them in a warm sunny window, or, what is preferable, if you have a frame at hand, put them into that, taking care to give a little air when the sun shines by shoving the sash off, or raising the back end a very little. Seed treated in this way will seldom fail to make their appearance in from six to ten days, during which time they will want to be watered but very little, if any. When the young plants appear, give air gently by raising the pane of glass which covers the pot, and when the plants have got well established with a good pair of leaves, the glass on the pots can be dispensed with. If in frames, give air, in pleasant weather, and keep them covered nights and when the sun is clouded, until they have three or four leaves, when the glass should be taken entirely off, except in very cold nights or storms.

TRANSPLANTING.

Asters should, in all cases, be thinned out, or transplanted so that they will be at least eight inches, and the larger kinds twelve inches apart each way. When the plants have become sufficiently strong, with three or four pair of leaves, and there is no danger of frost, they should be transplanted. They may be planted in clumps of four or five plants of different colors, or *en masse*, or planted single. The operation of transplanting is very simple, and can be done with but little risk of losing any of the plants. All the tool required for the work is a trowel or dibble.* First, insert the trowel or dibble into the ground so as to make a hole sufficient to receive the whole length of the roots, without bending them; then place the roots in the hole, holding on to the top of the plant with one hand, and with the other insert the trowel or dibble again in the ground, about one inch from the first hole, and with it press the soil hard against the bottom of the roots; see that the hole is about half filled with earth, then fill even full with water, and after the water has partly soaked in, draw the soil about the plant lightly, so as to fill the hole even full, and the work is complete. If the planting is done directly after a heavy rain, the water may be dispensed with, but unless the ground is very wet, we should always use the water; and be sure to give them enough to keep the ends of the roots wet until they begin to grow. We have transplanted thousands of plants in a comparatively dry time (we never wait for rain), without losing more than five plants out of a hundred, and we never use any water only at the time of transplanting.

The above directions will apply equally well for transplanting all other annuals that will bear removing.

* A stick about fifteen inches long and one inch in diameter, with one end tapered nearly to a point.

FLOWER SEEDS BY MAIL.

For the accommodation of persons who are located where we have no agents, we will send by mail, postpaid, to any address in the United States, under 3,000 miles, any varieties they may order, at the annexed prices.

Those who reside beyond 3,000 miles are requested to remit fifteen cents, in addition to the amount named, for every dollar's worth ordered.

Purchasers remitting	$1 00	may select seeds at	Catalogue	prices	amounting to	$1 15
"	"	2 00	"	"	"	"	2 35
"	"	3 00	"	"	"	"	3 65
"	"	4 00	"	"	"	"	4 95
"	"	5 00	"	"	"	"	6 25
"	"	10 00	"	"	"	"	13 00
"	"	20 00	"	"	"	"	27 00
"	"	30 00	"	"	"	"	41 50

Persons desiring us to make their selections, may rely upon our sending only those which are really showy and handsome, and easy to cultivate. We believe that our experience will enable us to make selections that cannot fail to give entire satisfaction to any lady or gentleman who may be disposed to order them.

In sending orders for seed by mail, it will be only necessary to give the date of the catalogue from which the selection is made, and the numbers, instead of the names of the varieties. The name of the person to whom they are to be sent, and the name of the Town and State, should be so plainly written that there may be no mistaking a single letter. We often receive letters, containing money, the writing of which is so bad as to make it almost impossible to decide where and to whom the seeds ordered are to be sent.

All orders should be addressed (with the amount inclosed in cash or postage stamps), as follows: —

WASHBURN & CURTIS,

HARRISON SQUARE, MASS.

The following Catalogues will be sent, postpaid, to all applicants, on receipt of a three-cent postage-stamp for each catalogue ordered.

No. 1. The General Catalogue, containing an extensive list of Greenhouse and Hothouse Plants; Dahlias, the largest collection in this country; Daisies, Geraniums, Heliotropes, Lantana, Niercmbergias, Pansies, Petunias, Pinks, Hollyhocks, Pentstemons, Salvias, Verbenas, and Bedding Plants generally. Also, Hardy Herbaceous and Hedge Plants, Roses, Shrubs, Honeysuckles, &c., &c. As this catalogue is published every spring, it will also contain a list of new plants which we shall offer to the public annually.

No. 2. The Flower and Vegetable Seed Catalogue, containing a descriptive list of choice selected Flower and Vegetable Seeds, embracing all the new and rare varieties and established favorites, with copious descriptive and cultural notes, being the most complete and useful of any before issued in this country.

No. 3. The Bulb Catalogue, containing a list of Dutch flowering bulbs, comprising a splendid assortment of Hyacinths, Tulips, Jonquils, Narcissus, Iris, Crocus, Crown Imperials, Snowdrops, Lilies, Gladiolus, &c., &c. This catalogue will be published annually, in August.

Those of our readers desiring information on any horticultural topics, are referred to the GARDENER'S MONTHLY, an illustrated Magazine of 32 pages, published at 23 North Sixth Street, Philadelphia, at $1 per annum.

SPLENDID ASSORTMENTS

OF

FRENCH AND GERMAN FLOWER SEEDS,

IN

SEALED PACKAGES,

CONTAINING THE COLORS SEPARATE.

Most of which are in the Original Packages as imported.

No.		Price.
1	**ASTERS,** twelve varieties, *French*, Truffaut's new Peony-flowered. Saved from selected flowers; decidedly the finest and most popular Aster in cultivation	$1 00
2	—— six varieties, *French*, Truffaut's, selected from No. 1.	50
3	—— six varieties, *French*, Truffaut's New Perfection, fine.	75
4	—— six varieties, *French*, Truffaut's new Imbricated Pompone.	50
5	—— four varieties, *French*, Truffaut's New Bombee, *reflexed*	50
6	—— four varieties, *French*, Truffaut's New Chrysanthemum-flowered.	35
7	—— thirty-two varieties, *French*, Truffaut's, including Nos. 1, 3, 4, 5, 6.	2 50
8	—— eight varieties, *French*, New Dwarf Chrysanthemum-flowered; superb	1 00
9	—— four varieties, *French*, Crown-flowered, a fine new variety.	35
10	—— eight varieties, *French*, Quilled Pyramidal ; fine.	50
11	—— eight varieties, *German*, Globe Quilled	50
12	—— eight varieties, *German*, Bouquet.	50
13	—— six varieties, *German*, Dwarf; finest.	38
14	**BALSAMS,** twelve varieties, finest double.	75
15	—— eight varieties, Camellia-flowered; superb, warranted to produce a large proportion of perfect double flowers, which for size and beauty cannot be surpassed.	1 00
16	—— eight varieties, Double Dwarf, fine.	50
17	—— eight varieties, Rose-flowered, fine.	50
18	**CLARKIA,** six varieties, finest.	25
19	**CLIMBING PLANTS,** six varieties, the most ornamental for culture in the open air.	50
20	—— —— six varieties, choice sorts for greenhouse culture	50
21	**COCKSCOMBS,** eight varieties, comprising all the finest German sorts.	50
22	**COREOPSIS,** six varieties, finest and most distinct sorts.	25
23	**DIGITALIS,** *Fox-glove*, seven varieties, finest sorts, including the new and splendid variety, Gloxinioides.	35
24	**GAILLARDIAS,** six varieties, most showy sorts.	38
25	**GOURDS,** eight varieties, rapid climbers, most ornamental varieties.	50
26	**HELICHRYSUMS,** *everlasting flowers*, five varieties, finest.	38
27	**HOLLYHOCKS,** twelve varieties, finest new English and Scottish sorts, saved from prize flowers, extra.	1 00
28	—— twelve varieties, from A. Saul & Sons, English collection.	1 50
29	**LARKSPUR,** eight varieties, Double Dwarf Rocket, finest German sorts.	50
30	—— eight varieties, Double Tall Rocket, finest German sorts.	50
31	—— eight varieties, Double Branching, finest German sorts.	50
32	—— eight varieties, Hyacinth-flowers	50
33	**MAURANDIAS,** four varieties, beautiful climbers for pot or garden culture.	35

No.		Price.
34	**MARIGOLDS,** eight varieties, Tall and Dwarf, saved only from the finest selected double flowers	38
35	**MARVEL OF PERU,** eight varieties, finest hybrids	50
36	**MORNING GLORIES,** eight varieties. A splendid Assortment of the most distinct colors	50
37	**NASTURTIUMS,** six varieties, finest	25
38	**NEMOPHILA,** six varieties, choice selection	25
39	**ORNAMENTAL GRASSES,** twelve varieties, most distinct	50
40	**PEAS, SWEET,** six varieties, most distinct colors	25
41	**PHLOX, DRUMMONDS,** eight varieties, comprising the newest and finest sorts	50
42	**PINKS, CARNATION,** twelve varieties, saved only from the finest English Prize varieties	1 50
43	—— —— six varieties, selected from No. 42	75
44	—— —— twelve varieties; Perpetual or Tree, saved only from the finest English prize varieties	1 50
45	—— —— six varieties, Perpetual or Tree, selected from No. 44	75
46	**PINK, PICOTTE,** twelve varieties, saved only from the finest English prize varieties	1 50
47	—— —— six varieties, selected from No. 46	
48	—— —— twelve varieties; Perpetual, saved only from finest English Prize varieties,	75 1 50
49	—— —— six varieties, Perpetual, selected from No. 48	75
50	**POPPIES, CARNATION,** twelve varieties, superb double	75
51	—— —— six varieties, selected from No. 50	38
52	**PORTULACAS,** five varieties, finest and most distinct	25
53	**SALPIGLOSSIS,** eight varieties, beautiful	50
54	**SCHIZANTHUS,** six varieties, finest	25
55	**SILENE,** six varieties, very choice	25
56	**SNAPDRAGON,** *Antirrhinum*, eight varieties, extra fine	60
57	**STOCKS, 10 WEEKS,** six varieties, comprising only the finest and most distinct colors	38
58	—— —— twelve varieties, new large-flowering, superb; saved from pot plants; received direct from one of the most celebrated florists in Germany. The brightest and most distinct colors. This collection is offered with the fullest confidence that in its production it cannot be surpassed	1 00
59	—— —— six varieties, new large-flowering, selected from No. 58	50
60	—— —— six varieties, Wallflower-leaved, choice; comprising only the finest and most distinct colors	45
61	**STOCKS, INTERMEDIATE, or AUTUMN,** six varieties, extra choice	50
62	**STOCKS, BROMPTON,** six varieties, extra choice	50
63	**STOCKS, EMPEROR, or PERPETUAL,** six varieties, extra choice	50
64	**STOCKS, GIANT, or CAPE,** six varieties, extra fine	50
65	**WALLFLOWER,** six varieties, superb double German sorts	50
66	**ZINNIAS,** ten varieties, finest selected	50

GENERAL DESCRIPTIVE LIST OF FLOWER SEEDS.

EXPLANATIONS.—ha., *hardy annual*, (lasts one year;) hha., *half hardy annual;* ta., *tender annual;* hb., *hardy biennial*, (lasts two years;) hhb., *half hardy biennial*, (requires protection in winter;) hp., *hardy perennial*, (lasts many years;) hhp., *half hardy perennial;* g., greenhouse plant.

The figures after the description indicate the average height in feet to which the plants generally attain under good cultivation.

A dagger, †, denotes that such biennials and perennials usually flower the first year from seed.

A star, *, dwarf plants suitable for edgings.

A double **, ornamental climbers.

In giving orders, it is preferable to mention the numbers without the names; but as the numbers are changed every year, it is absolutely necessary to say that they are taken from Catalogue "1861."

No.		Price.
67	**Abronia umbellated,** *A. umbellata*, ta., a pretty umbel-flowered creeping or trailing plant, with clusters of rosy blossoms, ½	$0 10
68	**Abutilon,** g., a choice collection. See Greenhouse plants.	
69	**Acacia Julibrissin,** a hardy and elegant shrub, with tassel-like tufts of beautiful rosy flowers. Previous to sowing, soak the seed in water at 120° for six hours; 20	10
70	—— **greenhouse** varieties. See Greenhouse seed.	
71	†**Acanthus mollis,** hp., purple and white; 2	5
72	**Achillea filipendula,** hp., yellow, in large corymbs; 2	5
73	**Achimenes.** See Greenhouse plants.	
74	**Aconitum Napellus.** See Monkshood.	
75	**Acroclinium, rose-colored,** *A. roseum*, hha., an elegant new annual from Swan River, producing beautiful everlasting flowers, resembling the Rhodanthe Manglesii, but much larger; should be grown in every collection; 1	10
76	**Adonis flower,** *A. flos*, ha., handsome foliage, with blood-red flowers; very pretty; 1	5
77	**Ageratum Mexican,** *A. Mexicanum*, ha., very useful for garden decoration or pot culture, with curious blue heads of flowers, appearing from July to November; plants carefully lifted and potted in autumn will bloom finely through the winter; 1½	5
78	—— —— **white,** —— —— *album*, ha	10
79	—— —— **red,** —— —— *rubrum*, ha., red flower buds	10
80	**Agrostema coronaria,** in varieties. See Rose Campion.	
81	**Agrostis,** in varieties. See Ornamental grasses.	
82	**Alonsoa Warczewiczi's,** *A. Warczewiczii*, tp., bright scarlet; 1½	10
83	—— **incisifolia.** *cut-leaved*, tp., orange, scarlet; 1½	10
84	**Alstroemeria,** hhp., Van Houtte's finest hybrids; 2	25
85	***Alyssum sweet,** *A. maritima*, ha., in bloom from June to November; flowers white and very fragrant; in long racemes, which continually extend themselves through the season; one of the most useful annuals in cultivation; ¾	5
86	*—— **Bentham's,** *A. Benthamii*, ha., white; 1	10
87	*—— **golden,** *A. saxatile*, hp., yellow; suitable for edging or rock work; 1	5
88	*—— **Wiersbeck's,** *A. Wiersbeckii*, hhp., white and yellow; 1	10
89	**Amaranthus, three-colored,** *A. tri-color*, ta., an old favorite; the chief beauty of which consists in its beautiful variegated leaves; 2	5
90	**Amethyst, blue,** *Browallia elata*, ta., small blue flowers	10
91	——, **white**	10
92	——, **mixed**	5
93	**Ammobium, winged,** *A. alatum*, hha., white everlasting flowers; 1½	5
94	**Anagallis, indica,** *Indian pimpernel*, ha., blue, trailing; ½	5
95	—— —— **carnea,** hha., flesh-color; ½	10
96	—— —— **coccinea,** hha., scarlet; ½	10

No.		Price.
97	**Anagallis, lilacea,** hha., lilac; ½	10
98	—— **Monelli,** hha., fine blue; ½	10
99	—— **Phillipsii,** hha., fine blue; ½	10
100	——**grandiflora cœrulea,** hha., splendid large-flowered; blue; ½	10
101	—— —— **rubra,** hha., beautiful red; ½	10
102	—— —— **lilacina,** new, beautiful large-flowered, lilac; ½	10
103	—— **Eugenie,** *grandiflora var.*, hha., beautiful light blue, shaded from the centre to pure white; new	10
104	—— **Napoleon III.,** *grandiflora var.*, hha., rich maroon crimson; new; ½	10
105	—— **Memoria dell' Etna,** *grandiflora var.*, hha., new, large-flowered, bright scarlet	25
106	—— **Trionfo di Firenze,** *grandiflora var.*, hha., new, large-flowered, fine Lazuline blue; ½	25
107	—— **mixed,** choice varieties	10
108	—— **mixed,** choice varieties, including Nos. 105, 106	25
	This is a class of beautiful trailing plants, that will be found highly ornamental for bedding purposes, as they bloom all the season. The Anagallis is also an old favorite, for growing in greenhouses, presenting an extremely graceful appearance when cultivated in pots or vases.	
109	**Anchusa, arvalis.** See Bugloss.	
110	**Anemone, garden,** *A. coronaria,* hhp., finest mixed, from selected double flowers; ¾	10
111	**Anthoxanthum gracile.** See Ornamental grass.	
112	**Antirrhinum,** in varieties. See Snapdragon.	
113	**Aquilegia,** in varieties. See Columbine.	
114	**Arabis Alpena,** hp., white and yellow; ¾	10
115	**Arctotis breviscapa,** hha., flower large; color orange, with a dark centre; very showy; ½	10
116	—— —— **sulphurea,** hha , a new variety, with yellow flowers; ½	10
117	**Argemone grandiflora,** ha., white; 2½	5
118	—— **Mexican,** ha., yellow; 2½	5
119	**Arnica montana,** hp., medicinal	10
120	**Aster, Chinese mixed,** ha., several finest varieties; 2	5
121	—— **Peony-flowered, mixed,** *Truffaut's*, very choice; saved from finest selected flowers; beautiful in the extreme	10
122	—— —— —— **white,** double	10
123	—— —— —— **lilac,** with white eye	10
124	—— —— —— **violet,** with white eye	10
125	—— **Perfection mixed,** *Truffaut's*, new and fine	10
126	—— **Chrysanthemum flowered, mixed,** *Truffaut's*, extra fine	10
127	—— **Bombee mixed,** *Truffaut's*, new and fine	10
128	—— **Imbricated pompone, mixed,** *Ranunculus*, finest sorts	5
129	—— **new dwarf Chrysanthemum, mixed,** very fine	10
130	—— **German globe quilled, mixed,** finest varieties	10
131	—— **French Quilled Pyramidal, mixed.** extra fine; cannot be surpassed for habit of growth and brilliancy of colors	10
132	—— **German Bouquet, mixed**	10
133	—— **crown or two colored, mixed,** superb	10
134	—— **Giant Emperor, mixed**	25
135	—— **La Superb,** new; rose color; fine	10
136	—— **Miniature, mixed,** fine	10
137	—— **Dwarf, mixed**	5
138	—— **Turkey Quilled, mixed,**	5
139	—— **assortments,** colors in separate papers. See page 9.	
	The above collection of this most beautiful and popular flower we believe to be unsurpassed. For further description, and directions for cultivation, see page 5.	
140	**Athanasia,** ha., yellow; 1	10
141	**Aubrietia deltoides,** hp., purple flowers; ½	10
142	**Auricula, Alpine,** mixed	10
143	—— **fine German,** hhp., mixed; ½	10
144	—— **extra German,** saved from prize flowers, mixed; ½	25

No.		Price.
145	**Auricula, extra English,** saved from prize flowers, mixed; ½	25
146	**Azalea pontica,** mixed	25
147	—— **Indica,** mixed	25
148	**Balsams, mixed,** *Balsamina hortensis*, ta.	5
149	—— **Double, finest mixed**	10
150	—— **Camellia-flowered,** superb double camellia-shaped flowers, a mixture of the finest and most distinct color	10
151	—— **Rose-flowered,** double, finest, mixed	10
152	—— **Dwarf Double,** fine, mixed	10
153	—— **Colors, in separate packets.** See pages 9.	
154	**Balsam apple.** See Momordica balsamina.	
155	—— **pear.** See Momordica charantia.	
156	**Bachelor's Button, or Corn Bottle,** *Centaurea cyanus*, ha., well-known, showy plants, in great variety of colors, of the easiest culture; 2	5
157	**Bæria chrysostoma,** ha., yellow; 1	10
158	****Balloon Vine,** *Cardiospermum*, hha., pretty climber, with white flowers; 4	5
159	**Baptisia Australis,** hp., a handsome border plant, of the easiest culture, with blue flowers; 3	10
160	**Bartonia golden,** *B. aurea*, ha., flowers, yellow, about 1½ inch across, which have quite a metallic lustre when the sun shines upon them; very showy; 2	5
161	**Bellis perennis.** See Daisy.	
162	**Belvidere,** ha., summer Cypress; 3	5
163	****Benincasa cerifera,** hha., ornamental climber of the Gourd tribe; 10	10
164	**Bladder Ketmia,** *Hibiscus trionum*, ha., yellow and brown; 2	5
165	**Blitum capitatum,** ha., a trailing plant, with red strawberry-like fruit; ½	5
166	**Blumenbachia insignis,** ha., quite handsome, with white flowers	10
167	**Brachycome iberidifolia.** See Swan Daisy.	
168	**Briza.** See Quaking grass.	
169	**Brizopyrum siculum.** See Ornamental grasses.	
170	**Bromus Brizæformis.** See ornamental grasses.	
171	**Browallia elata.** See Amethyst.	
172	**Bryonia alba,** tp., flowers white and green; 4	10
173	**Bugloss,** *anchusa arvalis*, hp., flowers blue; 2	10
174	**Cacalia.** See Tassel flower.	
175	****Calampelis scabra,** *Eccremocarpus*, ta., a very useful and ornamental summer and autumn flowering climber, with orange-colored flowers; 10	10
176	***Calandrinia, Lindley's,** *C. Lindleyana*, ha., small red flowers, suitable for edging; ½	5
177	—— **Large-flowered,** *C. grandiflora*, ha., fine rosy-lilac flowers from July to October, very showy and of easy culture; 2	5
178	—— ***Umbel-flowered,** *C. umbellata*, ha., very dwarf, with bright crimson flowers, in clusters; ½	10
179	**Calendula officinalis.** See Garden Marigold.	
180	—— **pluvialais.** See Cape Marigold.	
181	**Calceolaria,** finest greenhouse varieties. See Greenhouse seeds.	
182	—— **scabious-leaved,** *Scabiosæfolia*, hha., clear sulphur-yellow flowers, in great profusion. Fine; 2	10
183	—— **pinnata,** hha., yellow, suitable for the border; 2	10
184	**Callirhoe Pedata.** Fine. See novelties	10
185	—— **digitata.** New, splendid. See novelties	10
186	**Callichroa Plattygloss,** ha., pretty light yellow flowers in abundance; 1	5
187	**Calliopsis.** See Coreopsis.	
188	**Callistachys,** *g.*, See Greenhouse seeds.	
189	**Camellia Japonica.** See Greenhouse seeds.	
190	***Campanula, Lores,** ha., fine, with large expanded blue blossoms, which continue to be produced in succession through the summer; will grow in almost any situation; should be well thinned, so that the plants will be eight or ten inches apart; desirable for edging, or bedding, *en masse*; ½	5
191	—— —— ***alba,** differing from the above only in color; white; ½	5
192	—— —— ***mixed,** the above two varieties mixed	5
193	—— ***pentagonia,** ha., will bloom beautifully in the open borders; requires the same treatment as C. Lores; flowers blue; ¾	5

No.		Price.
194	***Campanula, alba,** a white variety of the preceding	5
195	—— ***carpatica,** hp.†, light violet, dwarf and free; elegant for beds and edgings; ½	5
196	—— —— ***alba,** a variety of the preceding, with white flowers; ½	5
197	—— **persicafolia,** hp., large blue flowers; fine for border; 3	5
198	—— —— **alba,** white; every other way similar to preceding	5
199	—— †**pyramidal,** *pyramidalis*, hhp., very elegant, with fine blue flowers; may be trained to any form of growth; suitable for the border, or pot culture; 3	5
200	—— —— **alba,** a fine white variety of the preceding; 3	5
201	—— **Trachelium,** fl., pl., hp., a fine border plant, with violet blue flowers; 3.	5
202	—— —— **alba,** similar to the preceding, with white flowers; 3	5
203	—— **large flowered,** *grandis*, hp., a fine free blooming variety, with long drooping blue flowers; 3	10
204	—— **Vidall's.** *Vidalli*, hhp., superb large white flowers; an elegant new species from the Azores; 1½	25
205	—— **medium.** See Canterbury Bell.	

The Campanulas are strictly biennial plants by pot culture, and without exception some of the finest of all garden plants for decoration in conservatory, greenhouse, and flower garden. By good culture in pots, the tall varieties assume a magnificent effect, attaining 5 to 7 feet, or more, in height, with lateral flower racemes from the base, 4 to 5 feet in length. The beautiful white variety forms a most striking contrast. By good arrangement a rich and imposing effect can be formed, altogether unequalled by any other plants.

206	**Canna Indica,** *Indian shot*, tp., fine scarlet; 2	10
207	—— **gigantea,** red and yellow; 5	25
208	—— **Warczewiczi's,** *Warczewiczii*, new beautiful deep red; fine; 3	25
209	—— **Limbata,** fine red; foliage bordered with red; 3	25
210	—— **coccinea,** fine scarlet; 1	25
211	—— **bicolor,** red and yellow; ¾	25

These stately species of plants are highly ornamental in flower gardens, producing a rich and Oriental effect by their large, broad, massive foliage, and rich crimson and scarlet flowers. Though perennial, if sown early they will make luxuriant growth, and bloom the first season. In late autumn they should be carefully potted, and allowed to mature their bloom in the greenhouse or parlor, and afterwards preserved in a cool dry cellar. In spring, again start them into growth, and replant them in the open air last of May or first of June. Before sowing, soak the seed in water, at 125° for about 12 hours.

212	**Cannabis, gigantea,** *Giant Hemp*, tp., ornamental; 6	5
213	**Canary Bird Flower,** *Tropæolum peregrinum*, ta., a lovely climber; 10	10
214	**Candytuft, white,** *Iberis amara*, ha., fine for the garden; 1	5
215	—— **purple,** *I. purpurea*, ha., a favorite variety; 1	5
216	—— **crimson,** *I. kermesina*, ha., bright and showy; 1	5
217	—— **white rocket,** *I. coronaria*, ha., large and fine; 1	5
218	—— **fragrant,** *I. odorata*, ha., white; 1	5
219	—— **scarlet, new,** *I. coccinea*, ha., fine scarlet	10

All the Candytufts are of the easiest culture, thriving in almost any soil or situation, and deserve to be cultivated extensively in every flower-garden.

220	**Canterbury Bell, blue,** *Campanula medium*, hb., beautiful blue, fine for borders; 2	5
221	—— —— **white,** a fine variety of the preceding, with white flowers	5
222	—— —— **mixed,** Nos. 220 and 221 mixed	5
223	—— —— **double white**	10
224	—— —— —— **blue**	10
225	—— —— —— **lilac**	10

The Canterbury Bells have long been known as being among our most ornamental garden plants; their large bell-shaped flowers, which are freely produced throughout the summer, render them strikingly effective. As they are strictly biennials, it will be necessary to sow the seed every year.

226	**Carnation.** See Pinks.	
227	**Cardiospermum.** See Balloon Vine.	
228	**Cardinal flower,** *Lobelia cardinalus*, hp., splendid scarlet flowers; 2	10
229	**Carthamas tinctoria.** See Saffron.	

No.		Price.
230	**Castor Oil Bean.** See Ricinus.	
231	†**Catananche, two colored,** *C. bicolor*, hp., white, with dark centre, pretty, 1½	5
232	†—— **blue,** *C. cærulea*, hp., violet, with darker eye, desirable; 1½	5
233	†—— **yellow,** *C. lutea*, hp., fine yellow; 1½	5
234	**Catchfly Lobels,** *Silene armeria*, ha., showy, with umbels of bright pink flowers; 1½	5
235	—— **flesh-color,** *S. armeria carnea*, ha.; 2	5
236	—— **white,** *S. armeria alba*, white flowers; 1½	5
237	**Celosia.** See Coxcombs.	
238	**Cenia turbinata,** ha., dwarf, yellow, daisy-like flower; ½	5
239	**Centaurea cyanus.** See Bachelor's Button.	
240	—— —— **American,** *C. Americana*, ha., large pink flowers	5
241	**Centranthus, long-tubed,** *C. macrosiphon*, ha., with beautiful trusses of pink flowers; 1½	5
242	—— **white,** *C. alba*, ha., white flowers, fine; 1½	5
243	—— **flesh-color,** *C. carnea*, ha., flesh-colored flowers, in fine trusses	5
244	—— **dwarf,** *C. nanus*, ha., a dwarf variety, white; 1 This is a beautiful tribe of annuals, of a branching habit, each branch sending up laterals, which continue to put forth their beautiful flowers in umbels, or trusses, from July to September.	10
245	**Centauridum Drummond's,** ha., late flowering, yellow; 2	10
246	***Chænostoma fastigiatum,** ha., rose color, suitable for edgings and masses; ½	10
247	*—— **polyantha,** ha., a variety of the preceding, with lilac flowers; ½	10
248	**Chamærops humilis,** *Fan Palm.* See Greenhouse seeds.	
249	**Chelone barbata,** hp., an elegant summer flowering, hardy herbaceous plant adapted for a bed, group, or mass, with erect, slender, attenuated flower stems, rising two or three feet in height, having racemes of a bright scarlet Pentstemon-like flower tubes, from one to two inches in length, forming a beautiful and effective object in borders, pleasure grounds, &c. Seed will vegetate in a few days	5
250	**Chenopodium atriplicis,** ha., flowers small in clusters, purple foliage, very ornamental; 4	10
251	**Chinese Primrose,** finest varieties. See Greenhouse seeds.	
252	**Chloris,** *in varieties.* See ornamental grasses.	
253	**Chorozema,** beautiful. See Greenhouse seeds.	
254	**Chrysanthemum Indicum,** Chinese; large-flowered and pompone. See Greenhouse seeds.	
255	—— **white,** *C. alba*, ha., a favorite border flower; 2	5
256	—— **yellow,** *C. lutea*, ha., showy yellow flower; continuing in bloom from July to October; 2	5
257	—— **mixed,** white and yellow mixed	5
258	—— **three colored,** *C. carinatum*, ha., disk of flower purplish brown; inner circle of rays yellow, margined with white; very pretty; 2	5
259	—— **Burridge's,** *C. Burridgeii*, ha., white, with crimson and yellow rings at the base of the petals; fine; 1½	5
260	—— **venustum,** ha., plumb, purple, and yellow; fine: 1½	10
261	—— **double quilled,** ha., yellow; 2	5
262	**Chrysurus aureus.** See Ornamental grasses.	
263	**Cineraria,** very choice. See Greenhouse seeds.	
264	**Clarkia, elegant,** ha., rosy purple; 1½	5
265	—— **rose-color,** *C. rosea*, ha., pretty; 1½	5
266	—— **pulchella,** ha., lilac; fine; 1	5
267	—— **white,** *C. alba*, ha., beautiful; 1½	5
268	—— **oleander-leaved,** *C. nerifolia*, ha., fine, red; 1½	5
269	—— **margined,** *C. marginata*, ha., purple, margined with white; 1	5
270	—— **mixed;** the above varieties mixed	5
271	—— **pulchella, "Tom Thumb,"** new	10
272	—— **pulcherrima,** new	10
273	—— **integripetala,** new	10
274	**Clary,** *Salvia Horminum*, ha., purple and red; 1	5
275	**Cleome speciosissima,** hha., rose-color; 3	10
276	**Clerodendron.** See Greenhouse seeds.	
277	**Clianthus.** See Greenhouse seeds.	

No.		Price.
278	**Clintonia elegans,** hha., pale blue; ½	5
279	—— **pulchella,** hha., blue and white; ½	10
280	—— **white,** *C. alba,* hha.; ½	10
281	—— **dark red,** *C. atrorubens,* a dark red variety; ½	10
282	****Cobea scandens,** ta., a rapid climber, with large, purple, bell-shaped flowers; 20	10
283	**Coxscombs, mixed,** *Celosia in vars,* ta., 8 fine varieties, mixed;	5
284	—— **separate colors.** See page 9.	
285	—— **dwarf crimson,** *C. nanum,* brilliant and large; extra fine; 1	10
286	—— **new, yellow,** rare	10
287	—— —— **rose,** unique	10
288	**Coix lachryma.** See Job's Tears.	
289	**Collinsia, two colored,** *C. bi-color,* ha., white and lilac; pretty; 1	5
290	—— **large-flowered,** *C. grandiflora,* ha., deep blue and lilac; fine; 1	5
291	—— **bartsia-leaved,** *C. bartsiaefolia,* ha., reddish purple; 1	5
292	—— —— —— **white,** *C. bartsiaefolia alba,* ha., a variety with pure white flowers; 1	10
293	—— **marbled,** *C. marmorata,* ha., pink and white; new; 1	10
	All the Collinsias are free bloomers, very showy, and of the easiest culture; deserving a place in every flower garden.	
294	**Collomia, scarlet,** *C. coccinea,* ha., small, lively flowers (in heads) of a bright carmine red; 1	5
295	—— **large-flowered,** *C. grandiflora,* ha., saffron-color; 2	5
296	**Columbine, mixed,** *Aquilegia vulgaris,* hp., many colors, mixed; 2	5
297	—— **pyrenica,** hp., double; 2	10
298	—— **tri-color,** new; 2	25
299	—— **double, white and violet,** new; 2	25
300	—— **Durand's,** *A. Durandii,* fine striped; 2	10
301	—— **glandulosa,** violet and white; 2	10
302	—— **Siberian,** *A. Siberica,* violet, double	5
303	—— **Skinner's,** *A. Skinneri,* new; 2	10
304	—— **carnation striped,** new, *A. caryophylloides,* fl. pl.	25
305	†**Commelina, blue,** *C. cœlestis,* tp., sky blue; 2	5
306	†—— **white,** *C. alba,* ta.; 2	5
307	†—— **striped,** *C. striata,* ta., blue and white	10
308	**Convolvulus, dwarf blue,** *C. cœruleus,* ha., dark blue, fine; ¾	5
309	—— —— **white,** *C. alba,* ha., pure white; ¾	5
310	—— —— **three colored,** *C. tri-color,* ha., white, yellow, and blue	5
311	—— —— **splendens,** *C. purpurea,* ha., dark purple, fine; ¾	5
312	—— —— **variegated,** *C. variegata,* ha., blue and white; ¾	5
313	—— —— **mixed,** many varieties mixed	5
	This is a beautiful class of annuals, affording a large, showy mass of flowers from July to November; the plants spread much in every direction from the centre, so that a bed of them, with plants fifteen inches from each other, will interlock.	
314	**Coreopsis, golden,** *Calliopsis tinctoria,* ha., a well-known favorite; the flowers having a dark crimson, brown centre, with yellow rays; very showy; 2½	5
315	—— **dark red,** *C. atrosanguinea,* ha., yellow centre, surrounded by a circle of dark purple, beyond which, to the extremity of the petals, it is a fine red scarlet color; some of the flowers are destitute of the yellow centre; 2	5
316	—— **marbled,** *C. marmorata,* ha., brown and yellow, that are inclined to be shaded	5
317	—— **thread-leaved,** *C. filifolia,* ha., yellow; neat foliage; 3	5
318	—— **Atkinson's,** *C. Atkinsonia,* ha., yellow, brown centre; 3	5
319	—— **two-colored,** *C. bi-color,* ha., brown and yellow; 3	5
320	—— **Burridge's,** new. See Cosmidium.	
321	—— **dwarf,** *C. nana,* ha., brown and yellow; 1	5
322	—— **mossy,** *C. mosseaux,* ha., new. See novelties	10
323	—— **cardaminifolia,** new hybrid; fine. See novelties	10
324	—— **crown-flowered,** *C. coronata,* ha., yellow, marked with brown; fine; 1	5
325	—— **Drummond's,** *C. Drummondii,* ha., large yellow flowers; fine; 1	5
	Nos. 324 and 325, as regards height and habit of growth, are almost	

No | Price.

precisely alike; being very distinct in character from all other varieties; growing only about one foot high, and spreading so that the plants should stand ten inches apart; a mass of bloom from July to November; unsurpassed for bedding purposes.

326 **Cosmanthus fimbriatus,** ha., flower white, tinged with lilac; ½..... 5

327 **Cosmea grandiflora,** ha , flowers crimson and lilac; 2..... 5

328 **Cosmidium, Burridge's,** *C. Burridgeanum*, ha., a new and exceedingly beautiful annual, nearly related to Coreopsis; flowers rich brown, tipped with bright orange; large and showy; 2..... 5

329 **Cotula, golden,** *C. aurea*, ha., yellow; ½..... 10

330 **Cowslip.** See Polyanthus.

331 **Crepis barbata.** See Hawkweed.

332 **Cuphea silenoides,** *Silene-like*, hha., purple; 1½..... 10

333 †—— **platycentra,** *broad centred*, hhp., a well-known, ever-blooming, and neat-habited bedding plant, with scarlet, black, and white flowers, fine for pot culture; 1..... 10

334 —— **purpurea,** hha., rosy purple; 1½..... 10

335 †—— **minata,** hhp., vermilion; 1..... 25

336 —— **strygulosa,** *coarse-haired*, scarlet and yellow; 1..... 10

337 **Curcubita.** See Gourds.

338 **Cyanus.** See Bachelors' Buttons.

339 **Cyclamen.** See Greenhouse seeds.

340 **Cypress vine, scarlet,** *Ipomea Quamoclit*, ta., a tender, climbing annual, with graceful foliage and scarlet flowers; seed should not be planted in open ground before the last of May or first of June; 15..... 5

341 —— —— **white,** *I. alba*, ta., a white variety of the preceding; 15..... 5

342 **Cyclanthera pedata,** hha., graceful, slender-habited, climbing plants, with pendant branches of elegant balloon-like seed pods ; a novel plant of easy culture; 15..... 25

343 **Dahlia,** fine mixed..... 10

344 —— **extra fine,** mixed..... 25

345 **Daisy, mixed,** hp.,..... 10

346 —— **mixed, extra,** saved from finest double flowers..... 25

347 **Datura, double purple,** *D. fastuosa purpurea*, ha. 2..... 5

348 —— —— **white,** *D. —— —— alba*, 2..... 5

349 —— **ceratocaulon,** *hornstalked*, hha., flowers white and rose; 2..... 10

350 —— **Wright's or meteloides,** *D. Wrightii*, ha., a beautiful plant, producing flowers which are of extraordinary size, pure white at the centre, and passing imperceptibly to a lilac blue at the border. The roots can be taken up in the autumn and preserved through the winter in the same manner as the Dahlia; 2 to 3..... 5

351 —— **carthageniensis,** ha., a new variety; comes highly recommended; but in our estimation worthless; white; 3..... 5

352 —— **humilis,** ha., double yellow..... 10

353 †—— **chlorantha,** hhp., a splendid new variety. See novelties.

354 **Day Lily, blue,** *Hemerocallis cæruleus*, hp., a fine border plant with blue flowers; 2..... 10

355 †**Dephinium, Chinese,** *D. Chinensis*, hp., finest mixed; one of the most desirable of the tribe; 2½..... 5

356 —— —— **rubro punctatum,** a splendid new variety. See novelties.

357 —— —— **alba grandiflora,** splendid; new. See novelties.

358 †—— **cardiopetalum,** hp., blue; 1..... 10

359 —— **elatum,** *Bee Larkspur*, mixed; 4..... 5

360 —— **large-flowered,** *D. grandiflora*, hp., flowers blue; 3..... 5

361 †—— **formosum,** hp., new: flowers large; color exquisite blue, with white centre; will flower the first season from seed; the finest of the tribe; 2.... 5

362 †—— **Henderson's,** *D. Hendersonii*, hp., splendid large blue flowers; extra fine; 2½..... 10

363 —— **spectabilis,** hp., blue; 3..... 10

364 —— **violaceum,** hp., dark blue; 4..... 10

365 —— **perfectum novum,** hp., dark blue; 3..... 10

366 **Dianthus,** a superb collection. See Pinks.

367 **Dictamnus.** See Fraxinella.

368 **Didiscus, blue,** *D. cæruleus*, hha., blue; fine; 1..... 10

No.		Price.
369	**Digitalis.** See Foxglove.	
370	**Dodecatheron media,** *American Cowslip*, hp., a fine border plant; 1	25
371	—— **white,** *D. alba* hp., fine; 1	25
372	—— **mixed**	25
373	**Dolichos Lablab.** See Hyacinth Bean.	
374	**Eccremocarpus.** See Calampelis.	
375	**Egg Plant, purple,** ta., showy fruit; 1	5
376	—— —— **white,** ta., ornamental fruit; 1	5
377	—— —— **scarlet,** new	10
378	**Ergrostis.** See Ornamental grass.	
379	**Erianthus Ravenna.** See Ornamental grass.	
380	**Erica.** See Heath.	
381	**Erysimum Peroffskeys,** *E. Peroffskianum*, ha., an erect growing plant, with racemes or spikes of deep orange blossoms; very showy; 1	5
382	—— **variegated,** *E. variegata*, hp., a beautiful evergreen plant, the beauty of which consists in its variegated foliage, the leaves being elegantly margined and blotched with silver; 1	10
383	**Erythrina crista-galli,** *Coral plant*, hhp., very ornamental; flowers scarlet; 5	25
384	—— **laurifolia,** hhp., fine; scarlet flowers; 5	25
385	**Eschscholtzia, orange,** *E. crocea*, ha., flowers brilliant, shining yellow; splendid for rows or masses; 1	5
386	—— **white,** *E. alba*, ha., a fine variety of the preceding, with white flowers; 1.	5
387	—— **tenuifolia,** ha., a very neat, distinct, glaucous-tinted miniature plant, with numerous primrose, salver-like blossoms; suitable for edgings, baskets, or rock-work	5
388	**Eternal flower, golden,** *Elychrysum bracteatum*, ha., golden yellow; fine; 2	5
389	—— —— **white,** *E. alba*, ha., a fine variety, with white flowers; 2	5
390	—— —— **mixed,** yellow and white mixed	5
391	—— —— **double, mixed,** ha., flowers large and double, of rich metallic lustre, in rich bronze and brightest yellow, pure white, and white elegantly suffused with rose; extra fine; 2	10
	The Eternal flowers are very ornamental in the garden, and much admired on account of the beauty of the flower when dried; which, if gathered when they first open, and carefully dried, will retain their form and color for years; they are highly prized for winter mantel bouquets and ornaments for vases.	
	For other fine varieties, see Helichrysum.	
392	**Eucharidum grandiflorum,** ha., rosy purple; 1	5
393	—— **white,** *E. grandiflorum album*, ha., a new variety with white flowers	10
394	—— **rose-colored,** *E. grandiflorum roseum*, ha., a new variety, with light rose colored flowers	10
395	**Eucnide bartonoides,** *bartonia-like*, ta., yellow, of delicate growth; 1	10
396	**Eupatorium argeratoides,** hp., white, hardy border plant; 3	10
397	—— **Frazer's,** *E. Frazerii*, hp., white, in corymbs; 1½	10
398	—— **blue,** *E. cælestinum*, ha., blue; 1½	10
399	**Euphorbia, variegated,** *E. variegata*, ta., variegated leaves; 2	5
400	**Eutoca, many-flowered,** *E. multiflora*, ta., lavender color; 1	5
401	—— **viscida,** ta., bright blue; 1	5
402	—— **striped,** *E. alba striata*, ta., blue and white striped; 1	10
403	†**Evening Primrose, yellow,** *Œnothera bienis*, hp., a beautiful perennial, with fine, large yellow flowers; will bloom the first season from seed; 1½	5
404	—— —— **white,** *Œ. tetraptera*, ha., a succession of pure white flowers from July to October; 1	5
405	**Fenzlia dianthiaflora,** new, splendid. See novelties.	
406	**Ferns,** choice varieties. See Greenhouse seeds.	
407	**Flax, large-flowered, crimson,** *Linum grandiflorum rubrum*, ha., one of the most beautiful among annual flowers; with a long succession of very brilliant, compact, salver-like, crimson blossoms throughout the summer; 1.	5
408	†—— **Lewes,** *L. Lewesii*, hhp., blue; fine; 1	10
409	—— **white,** *L. album*, ha., 1	5
410	—— **blue,** *I. cærulea*, ha., 1	5
411	†—— **variegated,** *L. variegata*, hhp., blue and white	10

No.		Price.
412	**Flax, large-flowered, purple,** *L. grandiflorum purpurea*, ha., a new variety of the beautiful crimson flax, with purple flowers; 1	10
413	**Flos adonis.** See Adonis.	
414	†**Forget-me-not,** *Myosotis palustris*, hp., a well-known favorite, with clusters of delicate blue flowers appearing all summer; blooms the first year from seed; ½	5
415	†—— **large-flowered,** *M. palustris azurea major*, hp., a beautiful variety, with large blue flowers; ½	10
416	—— **blue,** *M. alpestris*, hp., a variety with blue flowers; ½	5
417	—— **white,** *M. album*, hp., white flowers; ½	10
418	**Four o'clocks,** *Mirabilis jalapa.* See Marvel of Peru.	
419	**Foxglove, mixed,** *Digitalis*, several varieties mixed	5
420	—— **mixed, extra,** all the newest and finest varieties	10
421	—— **large-flowered,** *D. grandiflora*, yellow	10
422	—— **purple,** *D. purpurea*, common purple variety	5
423	—— **white,** *D. alba*, common white variety	5
424	—— **woolly-flowered,** *D. lanatus*, white and brown	5
425	—— **yellow,** *D. lutea*, pale, dull yellow	10
426	—— **iron-colored,** *D. ferruginea*, brown	10
427	—— **orange-colored,** *D. aurea*, bright orange	10
428	—— **gloxinia-flowered,** *D. gloxinioides*	10
429	—— **assortments,** varieties in separate papers. See page 9.	
	The Foxgloves are too well known to need description; they are all useful and ornamental for general flower-garden purposes, and may be introduced into the shrubbery with fine effect, as its tall, spirelike spikes, crowned with its large thimble or bell-shaped flowers, will contrast finely with the green foliage of the shrubs; they are all hardy biennials, from three to four feet high.	
430	**Fraxinella, red,** *Dictamnus*, hp., fine border plant; 1½	5
431	—— **white,** *D. alba*, a variety with white flowers; very desirable; 1½	5
	The seed of the Fraxinella is very slow to vegetate,—generally months; and sometimes it does not make its appearance until the second season after planting.	
432	**French Honeysuckle,** *Hedysarum coronarium*, hhp., red; 2	5
433	—— **white,** *H. album*, hhp., flowers white; 2	5
434	**Fuchsia.** See Greenhouse seeds.	
435	**Gaillardia, painted,** *G. picta*, ha., orange, red, and yellow; fine; 1	5
436	—— **white-margined,** *G. picta albo-marginata*, ha., dark red, edged with white; fine	10
437	—— **scarlet,** *G. picta coccinea*, ha., very showy	10
438	—— **dwarf,** *G. picta nana*, ha., crimson and yellow; beautiful; ¾	10
439	—— **large-flowered, hybrid,** *G. hybrida glandiflora*, ha , a beautiful variety, with large, showy flowers; 1	10
440	—— **Richardson's,** *G. Richardsonii*, ha., bright orange; splendid; 1½	10
441	—— **Wells,** *G. Wellsiana*, ha., yellow and red; fine; 1½	10
442	—— **mixed,** a splendid mixture of all the finest sorts	10
	Showy and universally admired plants, and among the gayest ornaments of summer flowering-beds, of the easiest culture; will thrive in almost any soil or situation.	
443	**Galega, eastern,** *G. orientalis*, hp., white; 2½	1
444	**Gaura, Lindheimer's,** *G. Lindheimeria*, hha., a plant of light and graceful habit, with spikes of white and red tinted flowers; a profuse bloomer; 2	10
445	†**Gentiana, dwarf,** *G. acaulis*, hp., blue; ½	5
446	†—— **swallow-wort-leaved,** *G. asclepiadea*, hp., blue; ¾	5
447	†—— **cross-wort,** G. *cruciata*, hp., deep blue; ¾	5
448	†—— **yellow,** *G. lutea*, hp., tall, strong-growing variety; 4	10
449	†—— **purple,** *G. purpurea*, hp., 1	10
450	†—— **large-leaved,** *G. macrophylla*, hp., blue; 1	10
451	—— **mixed,** finest varieties mixed	10
452	**Geranium.** See Greenhouse seeds.	
453	**Gesneria.** See Greenhouse seeds.	
454	**Geum, dark red,** *G. atrosanguineum*, hp., 1	10

No.		Price.
455	**Geum, scarlet,** *G. coccineum*, hp., 1½	10
456	—— **large-flowered,** *G. grandiflora*, hp., 2	10
457	—— **mixed,** finest mixed	10
458	**Gilia, three-colored,** *G. tri-color*, ha., yellow eye, surrounded by a purple ring, bordered by pale blue; fine; 1	5
459	—— **azure blue,** *G. capitata*, ha., flowers in heads, rather coarse; 1½	5
460	—— **white,** *G. alba*, ha., pure white, in clusters; fine; 1	5
461	—— **rose-colored,** *G. rosea*, ha., flowers rosy-tinted, with a white eye; 1	5
462	—— **dianthus-flowered,** *G. dianthiflora*. See Fenzlia.	
463	—— **achillea-leaved,** *G. achilleæfolia*, ha., a new variety, with white flowers; 1	25
	This is a very pleasing family of annuals; may be sown at any time, and will bloom in almost any situation; the flowers are disposed in panicles or clusters; and from its neat growth it is admirably adapted for culture either in masses or detached patches. The variety three-colored, is the prettiest, and lasts the longest in bloom.	
464	**Gilly-flower.** See Stocks.	
465	**Gladiolus, mixed,** splendid; saved from a collection of upwards of one hundred newest and finest variety	25
466	**Globe amaranthus, white,** *Gomphrena alba*, ta., 1	5
467	—— —— **crimson,** *G. kermsina*; ta., 1	5
468	—— —— **flesh-colored,** *G. carnea*, ta., 1	5
469	—— —— **variegated,** *G. variegata*, ta., crimson and white; 1	5
470	—— —— **orange,** *G. aurantica*, bright orange color; 1	5
	The Globes are well known and much admired for their ornamental effect in the garden, and are highly prized for their heads of flowers, which, if gathered before they are too far advanced, will retain their beauty for several years. The seeds are rather slow to vegetate in the open ground; the Orange in particular, which seldom starts without bottom heat, and then very reluctantly.	
471	**Gloxinia.** See Greenhouse seeds.	
472	**Godetia,** *Lindleyana*, ha., white spotted with red; 1	5
473	—— **alba nova,** ha., new white; fine; 1	5
474	—— **lepida,** ha., pretty lilac; 1	5
475	—— **rubicunda,** ha., ruddy rosy crimson; 1	5
476	—— **purpurea,** ha., fine purple; 1	5
477	—— **venosa,** ha., wine-color; 1	5
478	—— **rosea,** ha., rich rose-color; 1	5
479	—— **mixed,** many varieties	5
	All the varieties of Godetia are well worth growing; and indeed, no garden can be said to be complete without them; their profuseness of bloom and delicate tints of color have long rendered them universal favorites.	
480	**Gourd, leucantha**	10
481	—— **very large**	10
482	—— **flat Corsian**	5
483	—— **powder-horn**	5
484	—— **sypho**	10
485	—— **Hercules club**	5
486	—— **longissima**	10
487	—— **Malabar melon**	5
488	—— **mixed,** many varieties mixed	10
	The tribe of Gourds is known as producing some of the most curiously shaped of all fruits; and being of extremely rapid growth, are very desirable for covering the trellis-work of arbors, &c., &c; the varied and fantastic forms of the fruit adding a peculiar charm to the luxuriance of the foliage.	
489	**Grammanthes gentianoides,** hha., orange scarlet, suitable for rock-work or pot culture; ¼	10
490	**Gynerium argenteum.** See Pampas grass. See Ornamental grasses.	
491	**Gypsophila elegant,** *G. elegans*, ha., small, starry, purple and white flowers; 1	5
492	—— **rose-colored,** ha., a variety of the preceding with rose-colored flowers; 1	5
493	—— **muralis,** ha., beautiful dwarf plant, neat and pretty, with small flowers, which completely cover the plant; ¼	10

No.		Price.
494	**Habrothamnus elegans.** See Greenhouse seeds.	
495	**Hawkweed, golden,** *Crepis barbata*, ha., an old but beautiful annual, of the easiest culture; begins to bloom in July and continues till frosts, covered with flowers, the rays of light yellow finely contrasted with the brilliant purple-brown centre; 1	5
496	—— **white,** *C. alba*, ha., a variety of the preceding, with white flowers, but of much less beauty; 1	5
497	**Heartsease.** See Pansy.	
498	**Heath.** See Greenhouse seeds.	
499	**Helenium Douglassii,** ha., yellow	5
500	**Helianthus.** See Sun Flower.	
501	**Helichrysum, compositum maximum,** ha., splendid double everlasting flowers.	
502	—— —— —— **scarlet**	10
503	—— —— —— **white**	10
504	—— —— —— **yellow**	10
505	—— —— —— **bright rose**	10
506	—— —— —— **orange**	10
507	—— —— —— **pink**	10
508	—— —— —— **purple**	10
509	—— —— —— **mixed,** the above varieties mixed	10
510	—— **macrantham nanum,** ha., splendid double dwarf crimson everlasting flowers	10
511	—— **brachyrhynchum,** ha., new yellow; very fine	10
512	—— **other varieties.** See Eternal Flowers.	
513	***Heliophila arabioides,** hha., bright blue, very pretty for edging; ¾	5
514	*—— **dissecta,** hha., blue; ¾	5
515	*—— **trifidia,** hha., blue; ¾	5
	Very neat little plants for edging or bedding. H. arabioides is the best	
516	†**Heliotrope, finest varieties mixed,** *Heliotropium*, tp., 2	10
	The Heliotrope is almost too well known to need recommendation; its scent is delightful; well adapted for bedding or pot culture. Seeds sown in spring make fine plants for summer decoration.	
517	**Hemerocallis cærulea.** See Day Lily.	
518	**Hesperis matronalis.** See Sweet Rocket.	
519	**Hibiscus African,** *H. Africanus*, ha., large and showy flowers, of a straw color; the centre a deep rich brown or purple, finely contrasted with the brilliant gold color of its stamens or anthers; of the easiest culture; 1½	5
520	**Hollyhocks, mixed,** *Althea rosea*, hb., fine varieties; seventy-five per cent. of the plants may be expected to be double	5
521	—— **extra fine mixed,** saved from the finest new English and Scottish named sorts	25
522	—— **splendid assortments,** in separate papers. See page 9.	
	The great improvement that has been made in this old-fashioned flower within a few years has now placed it among the most popular flowers of the day. It flowers the second and third year after sowing, and then dies, unless it is kept up by cuttings or division of root.	
523	**Hollyhock, Chinese, annual,** fine double, several beautiful colors, mixed; 2½	5
524	**Honesty or Satin-flower,** *Lunaria biennis*, hb., an old plant, but singularly interesting from the transparent, silvery-like tissue or coats of the seed-vessels in their dry, matured state, through which the fruit is conspicuously seen, and retaining the same picturesque effect for any length of time; well adapted, in a cut state, for grouping with everlasting flowers, &c.; 2	5
525	**Hordeum jubatum.** See Ornamental grasses.	
526	**Humea elegans,** hbb., one of the most beautiful of all plants for decoration in gardens and pleasure grounds; in appearance resembling a light, graceful, drooping pyramid of innumerable ruby-red, grasslike florets, rising at first in erect panicles, from four to eight feet in height, and gradually assuming its exquisitely beautiful outline of growth; blooms the second season through the summer and autumn months	10
527	**Hyacinth Bean, purple,** *Dolichos lablab*, ta., 10 to 15	5
528	**—— **white,** *D. alba*, ta., 10 to 15	5
529	**—— **mixed**	5
	Beautiful climbing plants; flowers in clustered spikes; treatment much like the common bean.	

No.		Price.
530	**Hymenatherum tenuifolium,** hha., new and fine	25
531	**Iberice.** See Candytuft.	
532	**Ice Plant,** *Mesembryanthemum crystallinum*, hha., a most singular trailing plant, with thick, fleshy leaves, that have the appearance of being covered with crystals of ice; very ornamental	5
533	**Impatiens glandulifera,** hha., color dull red; 6	10
534	—— **white,** *I. alba*, hha., a variety with white flowers	10
535	**Indigofera,** several finest sorts. See Greenhouse seeds.	
536	**Indian Shot.** See Canna indica.	
537	**Indian Pink.** See Chinese Pink.	
538	****Ipomea Bona Nox,** *Good night*, ta., beautiful white flowers; 10 to 15	10
539	****—— chryseides,** ta., new yellow; very rare; 10	25
540	****—— coccinea,** *Scarlet Morning Glory*, ha., fine scarlet; 10 to 20	5
541	****—— Dilleni,** ta., blue; 10	10
542	****—— limbata,** ta., rosy violet, elegantly blotched with white, splendid; 10 to 15	10
543	****—— hederacea superba grandiflora,** ta., large sky-blue flowers, elegantly bordered with pure white; exceedingly beautiful; 10 to 15	25
544	****—— —— lilacina,** ta., delicate lilac, beautifully bordered with white; splendid; 10 to 15	25
545	****—— —— atroviolacea,** ta., violet, bordered with pure white; superb; 10 to 15	25
546	****—— nil,** ta., light blue; 10	5
547	****—— Burridge's,** *I. Burridgeii*, ha., a beautiful Morning Glory, with large, bright crimson flowers; fine; 10 to 20	5
548	****—— Dickson's,** *I. Dicksonii*, ha., a splendid Morning Glory, with large, dark blue flower; 10 to 20	5
549	****—— rubro cærulea,** ta., produces a profusion of very large, azure blue flowers, which in its maturity is one of the most lovely objects imaginable; 10 to 15	25
550	—— **Quamoclit.** See Cypress vine.	
	Of all flowers in general cultivation, the Ipomea ranks pre-eminent for delicate and intrinsic beauty; the brilliant and varied hues of its many species and varieties are marvellously beautiful, and its fine foliage and graceful form render it an inseparable adornment for every garden.	
551	**Ipomopsis, elegant,** *I. elegans*, hhb., scarlet flowers; 2 to 3	5
552	—— **painted,** *I. picta*, hhb., scarlet and yellow; 2 to 3	5
553	—— **yellow,** *I. aurantica*, hhb., yellow; 3	5
554	**Iris, German,** *I. Germanica*, hp., finest mixed	10
555	***Isotoma, axillaris,** *axillary-leaved*, hha., a neat, erect, slender-branched plant, from six to twelve inches in height, with starry light porcelain blue lobelia-like flowers, which, producing a continuation of bloom throughout the summer, renders them very effective for bedding, edging, &c.; 1	10
556	—— **petræa,** a new variety with pure white flowers, a very effective plant for small beds or groups, yielding a succession of bloom throughout the summer, until autumn; this plant may be ranked among the neatest of all annual portable specimens in pots	25
557	**Jacob's Ladder,** *Polemonium*, hp., blue, will grow in any garden soil; 1	10
558	†**Jacobea, double,** *Senecio elegans*, hhp., saved from double flowers, several colors, mixed	5
559	**Japan Lily,** *Lilium lancifolium* hp., fertilized seeds, fine, mixed; 2 to 3	25
560	**Job's Tears,** *Coix lachryma*. See Ornamental grasses.	
561	**Jove's-flower.** See Lychnis flos Jovis.	
562	**Kaulfussia, amelus-like,** *K. amelloides*, ha., flowers small, purple and blue; 1	5
563	—— **rose-colored,** *K. rosea*	10
564	—— **white,** *K. alba nova*	10
565	****Kennedya,** beautiful greenhouse climbers; many splendid varieties. See Greenhouse seeds.	
566	**Lagurus.** See Ornamental grasses.	
567	**Lamarkia.** See Ornamental grasses.	
568	**Lantana,** finest mixed	25
569	**Larkspur, double dwarf rocket,** *Delphinium ajacis*, ha., splendid mixed; produces flowers in dense spikes of white, pearl-color, lilac, light and dark purple; is equal in beauty to a bed of Hyacinths; fine for bedding or groups; 1	5

No.		Price.
570	**Larkspur, double tall rocket,** ha., similar to the preceding, otherwise than this is of a higher growth; finest mixed; 2	5
571	—— **double branching,** ha., finest mixed; producing beautiful spikes of flowers, of blue, white, pink, porcelain, &c., &c.; fine; 2 to 3	5
572	—— **tall German branching,** ha., many colors, mixed; 2 to 3	5
573	—— **hyacinth-flowered,** ha., extra fine mixed, all colors; 2	5
574	—— **tricolor elegans,** ha., new, with beautiful double flowers, variegated crimson, flesh, and purple. Said to be the finest Larkspur ever introduced; 2	10
575	—— **fine assortments,** colors in separate papers. See page 9.	
576	**Lathyrus, latifolius.** See Peas, everlasting.	
577	**Lasthenia, Californica,** ha., yellow	5
578	**Lavatera, rose,** *L. rosea*, ha., showy flowers in long succession; 2	5
579	—— **white,** *L. alba*, ha., a variety of the above, with fine white flowers; 2	5
580	—— **mixed**	5
581	**Lavender,** ha., blue; foliage very sweet scented; 1	5
582	**Leptosiphon, long-tubed,** *L. androsaceus*, ha., lilac, purple; good for bedding; 1	5
583	—— **thick-flowered,** *L. densiflorus*, ha., lilac; 1	5
584	—— —— **white,** *L. densiflorus alba*, ha., a fine new variety, with white flowers; 1	10
585	—— **yellow,** *L. luteus*, ha., pale yellow; 1	5
586	—— **orange,** *L. aureus*, ha., orange yellow; 1	10
587	—— **mixed,** all the varieties included	10
588	**Liatris, elegans,** hp., purple; tall dense spikes; 4	10
589	—— **spicata,** hp., blue flowers; in spikes; 1½	10
590	—— **odoratissima,** hp., purple; fragrant; 3	10
591	—— **scariosa,** hp., a variety, with fine red flowers; 1½	10
592	**Lilium, Lancifolium.** See Japan lily.	
593	**Limnanthes, Douglass,** *L. Douglassii*, ha., flowers large, yellow and white; fragrant; 1	5
594	—— **white,** *L. alba*, ha.; ½	5
595	—— **rose,** *L. rosea*, ha.; ½	5
596	—— **large-flowered,** *L. grandiflora*, ha.; white and yellow; 1	5
597	—— **sulphur color,** *L. sulphurea*, ha.; fragrant; 1	5
598	—— **mixed;** various sorts mixed	5
599	**Linaria, macroura,,** *long horned*, ha., a beautiful annual, with yellow flowers, resembling, when in full bloom, a small compact bush of blossoms; 1	5
600	†—— **purple,** *L. purpurea*, hhp., very dwarf variety; ½	5
601	†—— **flesh color,** *L. carnea*, hhp., 1	10
602	†—— **triornithophora,** *three birds bearing*, hhp., red, purple, and yellow; one of the finest; 1	10
603	—— **spartea,** ha., bright yellow; 1	5
604	†—— **speciosa,** hhp., very showy, with fine, purple flowers; ½	5
605	—— **triphylla,** ha., a splendid variety, with yellow and purple flowers; 1	5
606	—— **mixed,** all the varieties included	10
	The Linarias are pretty, with Antirrhinum-like flowers, and of easy culture; may all be treated as annuals, as the perennial sorts bloom the first season from seed.	
607	**Lindheimeria taxana,** ha., bright yellow; 2	10
608	**Linum,** all the finest varieties. See Flax.	
609	**Lisianthus.** See Greenhouse seeds.	
610	**Loasa, orange,** *L. aurantica*, ta.; 6	10
611	**—— **Herbert's,** L. *Herbertii*, ta., scarlet; 6	10
	The Loasas are beautiful, tender, climbing annuals, suitable for covering a trellis or ornamental wire-work.	
612	**Lobelia cardinalis.** See Cardinal flower.	
613	—— —— **Queen Victoria,** hp., a dazzling scarlet; a new variety of *L. Cardinalis;* fine for garden culture; 2	25
614	—— —— **lutea,** hp., another new variety of *L. cardinalis*, with beautiful yellow flowers; fine for the borcers; 2	25
615	—— **erinus,** hha., deep blue; ½	10
616	—— —— **alba,** hha., white; ½	10

No.		Price.
617	**Lobelia, erinus compacta,** hha., blue; ½	10
618	—— —— **grandiflora,** hha., large dark blue flowers; ½	10
619	—— —— **rosea,** hha., fine, with pretty rose-colored flowers; ½	10
620	—— —— **ramosoides,** hha., dwarf branching, with dark blue flowers; ½	10
621	—— —— **speciosa,** hha., new; the most effective of all the varieties; yielding a long succession of its extremely rich and beautiful intense azure-blue flowers; it is especially adapted for bedding purposes and detached groups in gardens and large pleasure grounds; it is also unequalled for pot culture, vases, &c.. &c.; ½	10
622	—— **formosa,** hha., beautiful dark blue; fine; ½	10
623	—— **gracilis,** hha., blue; ½	10
624	—— —— **alba,** hha., white; ½	10
625	—— —— **compacta,** hha., blue and white; ½	10
626	—— **ramosa,** hha., branching; fine dark blue; 1	10
627	—— —— **alba,** hha., white; 1	10
628	—— —— **nana,** hha., dwarf blue; ½	10
629	—— —— **rubra,** hha., red; 1	10
630	—— **trigonicaulis,** hha., new species; dwarf habit; flowers large blue, with conspicuous pure white centre; ½	25
631	****Lophospermum, scandens,** ta., a very useful summer flowering climber, with large, rosy-purple, Foxglove-like flowers, which are produced in great abundance. Admirably adapted for planting out in the garden	10
632	**Love Grass.** See Eragrostis elegans.	
633	**Love-in-a-mist,** *Nigella damacena,* ha., producing curious blue flowers in a leafy involucre; 1 to 2	5
634	—— **double dwarf,** *N. nana,* ha., blue; 1	5
635	—— **Spanish, blue,** *N. hispanica cærulea,* ha., 1½	5
636	—— —— **white,** *N hispanica alba,* ha., new variety, with white flowers; 1½	10
637	—— —— **purple,** *N. hispanica atropurpurea,* ha., a new variety, with fine, large, dark purple flowers; 1½	10
638	**Love-lies-bleeding,** *Amaranthus caudatus,* ha., an old and well-known annual, with blood-red flowers, which hang in pendant spikes, and at a little distance look like streams of blood; 3 to 4	5
639	**Lunaria biennis.** See Honesty.	
640	**Lupins, garden, mixed,** *L. pilosus,* ha., several varieties mixed; 1½	5
641	—— **large blue,** ha., 1½	5
642	—— —— **yellow,** ha., 1½	5
643	—— —— **rose-colored,** ha., 1½	5
644	—— —— **white,** ha., ½	5
645	**Lupinus affinis,** ha., blue, white and purple; very pretty; 1	5
646	—— **Hartwegii,** ha., blue and pink; fine; 2	5
647	—— —— **albus novus,** ha., white; fine; 1½	10
648	—— —— **cælestinus,** ha., sky-blue; 2	10
649	—— —— **roseus,** ha., rose-color; 2	10
650	—— **hybrid insignis,** ha., new variety, with dark red flowers; fine; 2	10
651	—— —— **superbus,** ha., lilac and yellow; 2	10
652	—— **hirsutissimus,** ha., red; 2	5
653	—— **moritzianus,** ha., splendid blue; 2	5
654	—— **Menziesii,** ha., yellow; fine; 2	10
655	—— **mutabilis,** hp., blue and yellow; 2	5
656	—— —— **Cruikshankii,** ha., blue, red and yellow; fine; 2	5
657	—— **nanus,** ha., blue and white; dwarf and pretty; 1	5
658	—— —— **albus,** ha., dwarf white; 1	5
659	—— **pubescens elegans,** ha., violet and white; fine; 1½	10
660	—— **subcarnosus,** ha., lilac and purple; fine; 1½	10
661	—— **arboreus,** hp., yellow; 6	10
662	—— **polyphyllus,** hp., blue; 3	5
663	—— —— **alba,** hp., white; 3	5
664	—— **sulphureus superbus,** ha., new variety; yellow; 1½	10
665	**Lychnis chalcedonica,** hp., a well known border plant; scarlet; 2½	5
666	—— —— **alba,** hp., white; 2½	5

No.		Price.
667	**Lychnis, flos Jovis,** *Jovis flower*, hp., red; 1½	5
668	—— **fulgens,** tp., scarlet; 1	5
669	—— **Haageana,** hp., a beautiful hybrid between L. fulgen and L. Sieboldi; color brilliant scarlet vermilion; 2	25
670	—— **Sieboldi,** hp., white; fine; 1½	10
671	**Lythrum roseum superbum,** hp., deep rose, in long spikes; a fine border plant; 2	10
672	**Madaria corymbosa,** ha., flowers pale yellow, in corymbs; 2	5
673	**Madia elegant,** *M. elegans*, ha., yellow; 2	5
674	**Malope, large-flowered,** *M grandiflora*, large crimson flowers; very showy, continues in bloom throughout the summer and autumn; 2	5
675	—— **white,** *M. alba*, ha., a variety with white flowers; fine; 2	5
676	***Malcomia maritima,** *Virginia stock*, ha., very dwarf; flowers lilac; ½	5
	*—— —— **white,** *M. alba*, ha., a variety with pretty white flowers; ½	5
677	**Mallows, striped,** *Malva zebrina*, ha., white and purple striped; 3	5
678	—— **musk,** *M. moschata*, hp., white; very pretty and showy for the garden; 1½	5
679	****Mandevillea sauvcolens,** hhp., well known as a most elegant and beautiful pure white, large, open, trumpet-shaped flower, freely produced in a profusion of racemes, which renders it extremely attractive, either in greenhouse or garden; 25	25
680	**Martynia fragrans,** ha., purple, large flower; 2	5
681	**Marvel of Peru,** *Mirabilis jalapa*, ha., splendid varieties mixed, including all the finest sorts; very picturesque and diversified colors; finely contrasted with its dark green, glossy foliage, and densely branching habit; blooming throughout the summer and autumn months; 2	5
682	—— **assortments, splendid,** colors in separate packages. See page 10.	
683	**Marigold, French, fine mixed,** *Tagetes patula*, ha., double; in great variety; 1½	5
684	—— —— **superb mixed,** extra fine; saved only from the finest selected flowers; 1	10
685	—— —— **dwarf,** fine double	5
686	—— —— **new orange,** fine double	5
687	—— —— **superb, striped,** fine double	5
688	—— —— **miniature**	5
689	—— —— —— **new striped,** fine	5
690	—— —— —— **new yellow,** fine	5
691	—— **African, orange,** *Tagetes erecta*, ha., extra fine double; 2	5
692	—— —— **lemon,** extra fine double	5
693	—— **superb garden,** *Tagetes officinalis*, ha., large, double, orange-colored flowers; very showy; 1	5
694	—— **Cape,** *Calendula pluvialis*, ha., purple and white; 1½	5

All features considered, it is questionable whether any genus of plants amongst annuals can vie with either the French or African Marigolds in their glowing colors and their elegantly lobed leaves, of the richest green tint; and above all, in their almost unequalled and sole adaptation for summer and late autumn decoration in the flower garden, retaining their verdant beauty and gorgeous colors undimmed and undiminished to the very verge of winter; no feature in their habit of growth in excess, either in leaf or flower, but admirably balanced for effect, neat, compact, and beautiful; of the easiest culture; should always be thinned or transplanted so as to stand single, at least eighteen inches' distance from each other.

695	**Mathiola.** See Stocks.	
696	***Matricaria, eximia,** ha., a beautiful dwarf annual, growing about one foot high, producing double quilled, daisy-like flowers, well adapted for bedding, or edging	5
697	****†Maurandia, antirrhinum-flowered,** *M. antirrhiniflora*, tp., pale violet; 10	10
698	****†—— **Barclay's, rose-color,** *M. Barclayana*, tp., fine rose; 10	10
699	****—— —— **deep violet,** fine; 10	10
700	****—— —— **white;** 10	10
701	****—— —— **crimson;** 10	10
702	****—— —— **large-flowered,** blue; 10	10
703	****†—— **emeryana,** tp., pink; 10	10
704	****†—— **lucyna,** tp., rose-color; 10	10

No.		Price.
705	**†**Maurandia, purpurea grandiflora,** tp., purple; 10	10
706	**†—— semperflorens, white,** tp.; 10	10
707	**—— —— rose color;** 10	10
708	**—— mixed;** several finest and most distinct varieties mixed	10
	The Maurandias are beautiful slender climbing plants, well adapted for greenhouse or garden culture, in varieties of rose, rich purple, and pure white blossoms, somewhat resembling the Lophospermum, but smaller, and still more abundant; flowers finely the first season, from seed.	
709	**Melampodium, macranthum,** ta., yellow, of coarse growth; 2½	5
710	**Melissa, Browneana,** hp., pale rose flowers; 1	10
711	***Mesembryanthemum, capitatum,** hha., yellow; 1	5
712	*—— **glabrum,** hha., smooth yellow; ¾	5
713	*—— **pinnatifidum,** hha., yellow; 1	10
714	*—— **pomeridanum,** hha., yellow, large-flowered; 1	5
715	*—— **tricolor,** hha., rose and white, 1;	5
716	*—— —— **album,** hha., white, with purple stalks; 1	5
717	*—— **crystalinum.** See Ice plant.	
718	*—— **mixed,** fine assortment, mixed	10
	Dwarf-growing annuals of great beauty, with brilliant blossoms of distinct colors, in great profusion; well suited for edgings, and covering banks or rockeries fully exposed to the sun.	
719	**Mignonette,** *Reseda odorata*, ha., a well-known favorite that continues to bloom and send forth its sweetness all the season, perfuming the whole region about the premises; 1	5
720	—— **large-flowered,** *R. grandiflora*, ha., a variety similar to the preceding, with flowers somewhat larger, but of less fragrance	5
721	—— **tree,** *R. erecta*, ha., an upright growing variety, with spikes of white flowers; very pretty for garden decoration and for bouquets; 1½	5
722	**†Mimulus cardinalis,** *Monkey flower*, hhp., very showy, with brilliant scarlet flowers; blooms readily the first year from seed; fine for bedding; ¾	5
723	†—— **musk,** *M. moschatus*, hhp., the well-known musk plant	10
724	—— **rubiginosus blandus,** new; splendid	25
725	—— **white ground,** with crimson blotches; superb	25
726	—— **yellow ground,** with crimson blotches; superb	25
727	—— **mixed extra,** the three last-named varieties mixed	25
	These are strikingly handsome flowers, and among the gayest ornaments for conservatory, greenhouse, or flower garden. Although the Mimulæ are perennials, it is advisable to treat them as annuals.	
728	**Mimosa sensitiva.** See Sensitive Plant.	
729	**Mirabilis.** See Marvel of Peru.	
730	****Momordica balsamina,** *Balsam apple*, ta., curious climbing plant; 10	5
731	****—— **charantia,** *Balsam pear*, ha., 10	5
732	—— **elaterium,** ha., used in medicine	5
733	**Monkey flower.** See Mimulus.	
734	**Monkshood,** *Aconitum napellus*, hp., a common border plant, with blue flowers; 2½	5
735	****Morning Glory, mixed,** ha., eight finest and most distinct colors mixed; 20	5
736	**Morna elegans,** hha., an everlasting flower, yellow; fine for dry bouquets; 1½	5
737	**Mourning Bride, mixed,** *Scabiosa*, ha., some of the flowers are almost black, others dark purple, and various shades down to lilac; will flourish in any good garden soil, and universally admired; 2	5
738	**Musk Plant.** See Mimulus.	
739	**Myosotis.** See Forget-me-not.	
740	**Nasturtium, tall orange,** *Tropæolum majus*, bright orange-color; 10 to 15	5
741	—— —— **dark crimson,** *T. atrosanguineum*, rich dark crimson flowers; 8 to 12	5
742	—— —— **spotted,** *T. Shillingii*, yellow, with a dark spot on each petal; 8 to 12	5
743	—— —— **yellow,** fine yellow; 8 to 12	5
744	—— **striped,** *T. Schenerianum*, straw color, striped with brown; 8 to 12	5
745	—— **dwarf scarlet,** fine for groups; 1	5
746	—— —— **crimson,** brilliant; 1	5
747	—— —— **spotted,** yellow, with dark spots; 1	5

No. Price.

748 **Nasturtium, Tom Thumb, scarlet,** a beautiful variety, dwarf and compac:; quite as rich in color and as effective as the Tom Thumb Geraniums; fine for pots or vases; 1..... 10

749 —— —— —— **yellow,** a variety similar to the last mentioned, with yellow flowers; 1..... 10

750 —— —— —— **beauty,,** yellow, blotched with crimson; fine; 1½..... 10

751 —— **other choice varieties.** See Tropœolum.

All the above Nasturtiums are hardy annuals, of a climbing or trailing habit, and may be ranked amongst the most ornamental of our garden plants.

752 **Nemophila atomaria,** ha., white, with blue spots; 1..... 5

753 —— **discoidalis,** ha., black, with white edge; 1..... 5

754 —— —— **marmorata,** ha , black, marbled with white; 1..... 5

755 —— **insignis,** ha., bright blue; 1..... 5

756 —— —— **marginata,** ha., blue, with white edge; 1..... 5

757 —— —— **grandiflora,** ha., large-flowered, blue; 1..... 5

758 —— —— **alba,** ha., pure white; 1..... 5

759 —— —— **striata,** ha., blue and white; 1..... 5

760 —— **maculata,** ha., white, with large purple spots; 1..... 5

761 —— **mixed,** several finest varieties mixed..... 5

The Nemophilas are extremely pretty annuals, which for ease of culture and profuseness of bloom are unsurpassed. N. discoidalis, insignis, grandiflora, and maculata are the finest varieties; will grow in any soil, and may be sown several times during the season. They are all valuable for pot or garden culture

762 **Nemesia floribunda,** hha., white and yellow; pretty; 1..... 5

763 —— **compacta,** hha., blue and white; 1..... 10

764 †**Nierembergia gracilis,** tp., white, with dark centre; 1..... 25

765 **Nigella.** See Love-in-a-mist.

766 **Nolana spinach,** *N. atriplicifolia,* ha., a prostrate growing plant, with numerous blue flowers; a desirable plant to grow in order to hang pendulous over the edge of a pot or vase; ½..... 5

767 —— **trailing,** *N. prostrata,* ha., of a trailing habit, suitable for covering beds; bell-shaped flowers, of a fine blue, streaked with black; ½..... 5

768 —— **large-flowering,** *N. grandiflora alba,* ha., a fine variety, with pure white flowers; ½..... 5

769 **Nycterina capensis,** hhp., a dwarf plant, with white flowers; ½..... 10

770 —— **selaginoides,** hhp., rose and white; ¾..... 10

771 —— **villosa,** ha., white; ¾..... 10

772 **Oats, animated,** *Arena sensitiva,* ha., curious; 2..... 5

773 †**Obeliscaria pulcherrima,** hhp., a beautiful, Gaillardia-like flower, yellow rays, with rich crimson centre..... 10

774 **Œnothera biennis.** See Evening Primrose, yellow.

775 †—— —— **hirsutissima,** hhp., a new variety of the Evening Primrose with orange-colored flowers..... 10

776 —— **Bistorta Vetchii,** ha., a beautiful dwarf variety; flowers bright yellow, with crimson spot at the base of each petal; 1..... 10

777 †—— **Drummonds,** hhp., yellow; 1½..... 5

778 †—— —— **nana,** hhp..... 10

779 †—— **large-flowered,** *Œ. grandiflora,* hp., yellow; 4..... 5

780 †—— **rose-colored,** *Œ. rosea,* hhp., 1..... 5

781 —— **fragrant,** *Œ. odorata,* ha., yellow; 2..... 5

782 —— **trailing,** *Œ. prostrata,* ha., dwarf yellow; ½..... 5

783 †—— **taraxacifolia,** hp., white, dwarf; ½..... 5

784 —— **tetraptera.** See White Evening Primrose.

785 **Ononis, pubescens,** ha., yellow; 1..... 25

786 —— **rotundifolia,** hhp., pink; 2..... 10

787 **Oxalis rosea,** ta., a very neat, erect growing plant, six to nine or twelve inches high, with small, medium-sized leaves, and numerous conspicuous clusters of bright rose-colored, salver-shaped flowers..... 10

788 —— **tropæoliodes,** ta., yellow; ¼..... 10

789 **Oxyura, chrysanthemum-flowered,** *O. chrysanthemoides,* ha., yellow, pretty, and of easy culture; 1..... 5

No.		Price.
790	**Palafoxia, texana,** ha., rosy lilac; 2	5
791	**Palma Christi,** *Ricinus major.* See Castor Oil Bean.	
792	†**Pansy, mixed,** *Lady's Delight or Heartsease,* an old but universally admired plant, producing an endless variety of color, marking, and texture; they may be treated as annuals, as they flower the first season from seed; ½	5
793	—— **extra choice German mixed,** saved from finest named sorts, producing superb large flowers in great variety	25
794	—— —— —— **English mixed,** saved from selected flowers	10
795	—— —— —— **French mixed,** superb	25
796	—— **new variegated or striped,** fine	25
797	—— **purple with white eye,** extra	25
798	—— **copper-colored or bronze,** fancy colored; fine	25
799	**Panicum orycinum.** See Ornamental grasses.	
800	**Papaver.** See Poppy.	
801	**Paspalum elegans.** See Ornamental grasses.	
802	**Passion flower,** several splendid varieties. See Greenhouse seeds.	
803	**Peas, sweet, mixed,** *Lathyrus odoratus,* ha., six best varieties mixed; 6 to 10; per ounce, 15 cents.	5
804	**—— **black**	5
805	**—— **painted lady**	5
806	**—— **purple**	5
807	**—— —— **striped**	5
808	**—— **scarlet**	5
809	**—— —— **striped**	5
810	**—— **white**	5
811	**—— **yellow**	5
	The Sweet Peas are among the most popular annuals which enrich the flower garden; they may be planted and trained on sticks the same as common peas; or they may be sowed along the sides of fences, forming a highly ornamental covering; in any situation they are always admired.	
812	**Peas, Lord Anson's,** *Lathyrus magellanicus,* ha., blue; 6	5
813	**—— **Tangier,** *L. tingitanus,* ha., red; 4	5
814	**—— —— **striped,** *L. striatus,* ha., 5	5
815	**—— **everlasting red,** *L. latifolius,* hp., fine; 4	5
816	**—— —— **white,** —— —— *albus,* hp	5
817	**Pelargonium.** See Greenhouse seeds.	
818	**Pennisethum longistylum.** See Ornamental grasses.	
819	†**Pentstemon gentianoides,** hhp., purple and white; 2	10
820	†—— **pulchellus,** hhp., purple to violet purple, mixed; 2	10
821	†—— —— **deep violet,** *P. atroviolaceum,* hhp.; 2	10
822	†—— —— **rose,** *P. rosea,* hhp.; 2	10
823	†—— **Hartwig's,** *P. Hartwegii,* hhp., blue; 3	10
824	†—— **Richardson's,** *P. Richardsonii,* hhp., dark purple	10
825	—— **mixed,** finest varieties mixed	10
826	**Perilla, nankinensis,** ha., one of the most distinct and effective plants yet known; habit erect, free growing, with foliage of a dark olive or mulberry hue; in some stages a purplish black; fine for all flower garden decoration, and particularly appropriate for planting in cemeteries; 2	5
827	—— **ocymoides,** a splendid new variety. See Novelties.	
828	**Persicaria, red,** *Polygonum, Orientale,* ha., a tall border plant; 4	5
829	—— **white,** *P. album,* ha., a variety of the preceding, with white flowers; 4	5
830	**Petunia, large-flowered, purple,** *P. grandiflora purpurea*	10
831	—— —— —— **white,** —— —— *alba*	10
832	—— —— —— **margined,** —— —— *marginata*	10
833	—— —— —— **rose-colored,** —— —— *rosea*	10
834	—— —— —— **striped,** —— —— *striata*	10
835	—— —— —— **violet,** —— —— *violacea*	10
836	—— —— —— **green bordered,** splendid, in great variety, large flowers	10
837	—— **mixed;** the above beautiful varieties mixed	10
838	—— **mixed, superb double and single,** saved from the finest colors of single and double flowers	25

No.		Price.
839	**Petunia, mixed,** several fine varieties	5
	No class of flowers better repay the care they require than the Petunias; they are half hardy perennials, growing from 1 to 3 feet high, of a trailing habit, easily raised from seed, flowering freely the first year, a mass of gay bloom from July until hard frost; unrivalled for garden decoration. Also very useful for pot culture, either in greenhouse or the parlor.	
840	**Phacelia, conspicua,** ha., blue; 1½	5
841	****Phaseolus,** *Scarlet runner beans*, ta.; 12	5
842	**Phlox Drummond's, mixed,** *P. Drummondii*, ha., several shades mixed; 1	5
843	——— —— **mixed, extra choice,** superb; all the finest and most distinct varieties	10
844	——— —— **white,** —— —— *alba*, pure white	10
845	——— —— **white, with purple eye,** —— —— *oculata, alba*,	10
846	——— —— **purple, with white eye,** —— —— *oculata purpurea*,	10
847	——— —— **bright scarlet,** —— —— *coccinea*,	10
848	——— —— **dark purple,** —— —— *atropurpurea*	10
849	——— —— **new marbled,** —— —— *marmorata*, crimson and white	10
850	——— —— **rose-colored,** —— —— *rosea*,	10
851	——— —— **Leopold's,** —— —— *Leopoldiana*, pink, with white eye	10
852	——— —— **Napoleon III.,** large carmine	10
853	——— —— **Queen Victoria,** purple and white	10
	These flowers are of extreme beauty, and are greatly admired by all; their long duration in bloom, combined with their almost unequalled richness of color, renders them of invaluable service in the flower garden, and a finer sight than a bed of the Phlox Drummondii, in all its various shades and colors, is scarcely to be seen. The plants should be thinned out, or transplanted, so that they will stand eight inches distant from each other.	
854	**Phlox, perennial mixed,** hp., saved from a collection of upwards of one hundred varieties, embracing all those splendid new varieties introduced during the last five years by the French and English florists, of which the produce may be expected to be fully equal, or superior to the original	25
855	**Phormium, tenax,** *New Zealand flax*. See Greenhouse seeds.	
856	**Phygelius, capensis,** hhp., red tubular flower, inside yellow; 2	25
857	**Picotee.** See Pinks.	
858	**Pink, carnation, mixed,** *Dianthus caryophyllus*, hhp	5
859	——— —— **double mixed,** fine	10
860	——— —— **flakes and bizarres,** mixed	25
861	——— —— **Continental seed,** saved from finest stage flowers, very choice	25
862	——— —— **Sardinian,** finest Sardinian varieties, received direct from Sardinia	25
863	——— —— **yellow ground,** fine	50
864	——— —— **slate, crimson stripe,** fine	50
865	——— —— **perpetual, or tree,** saved from finest-named sorts	25
866	——— —— **assortments, splendid,** see page 10.	
867	——— **Picotee,** double, mixed	10
868	——— —— **white ground,** saved from prize varieties	25
869	——— —— **yellow ground,** saved from prize varieties	25
870	——— —— **perpetual, or tree,** saved from finest-named sorts	25
871	——— **Chinese mixed,** *Dianthus chinensis*, biennials of great beauty; blooms the first year from seed; perfectly hardy, and flowers strong the second year; the colors are exceedingly rich; crimson and darker shades of that color, approaching to black, are often combined in the same flower, with edgings of white, pink, and other colors; about one foot high, and of the easiest culture	5
872	——— —— **mixed, extra,** splendid, double, large-flowered, with great variety of colors; highly recommended	10
873	——— —— **double white,** fine	10
874	——— —— **striped,** white, striped with pink; fine	10
875	——— —— **Heddewigii,** a splendid new variety. See Novelties.	
876	——— —— —— **new double,** a splendid new variety of the preceding, with double flowers. See Novelties.	
877	——— —— **giganteus,** splendid new variety. See Novelties.	
878	——— —— **laciniatus,** splendid new variety. See Novelties.	
879	——— —— **dwarf,** pretty; ¾	10

No.		Price.
880	**Pink, deltoides,** hp., pink; 1	5
881	—— **Dunnettis,** hp., crimson; 1	10
882	—— **hybridus corymbosus,** hp., a beautiful new hybrid, with large, double flowers; 1	10
883	—— **Spanish,** *D. Hispanicus,* hp., a variety of colors mixed; 1	5
884	—— **pheasant eye,** *D. plumarius,* hp., white or pink, with dark eye; the flowers are deeply fringed or feathered; very fragrant; 1	5
885	—— **Veitch's,** *D. veitchii,* hp., beautiful clusters of flowers, pure white, with crimson centre; 1	10
886	**Piptatherum Thomasii.** See Ornamental grasses.	
887	**Platysystemon californicus,** ha., a trailing plant, yellow	10
888	**Pleroma elegans.** See Greenhouse seeds.	
889	**Polemonium.** See Jacob's Ladder.	
890	**Polyanthus, mixed,** hp., beautiful border plants; flowers produced on stems about ten inches high, in trusses of eight or ten flowers of various colors	10
891	—— **mixed, extra,** saved from finest-named sorts	25
892	**Polycolymna Stuarti,** hha., a fine, new, white everlasting flower; very desirable for dry bouquets; 1½	10
893	**Poppy, double mixed,** *Papaver somniferum,* ha., well-known border plants; 1½ to 2	5
894	—— **peony-flowered,** fine mixed	5
895	—— **carnation,** fine mixed	5
896	—— **dwarf French,** new and fine	10
897	—— —— **scarlet,** new and fine	10
898	—— **assortments, splendid.** See page 10.	
899	***Portulaca crimson,** *P. splendens,* ha., crimson purple; fine; ½	5
900	*—— **scarlet,** *P. Thellusonii,* ha., bright scarlet; ½	5
901	*—— **white,** *P. alba,* ha., pure white; ½	5
902	*—— **yellow,** *P. Thorburnii,* ha., bright yellow; ½	5
903	*—— **carnation striped,** *P. caryophylloides,* ha. white, striped with pink; fine	10
904	*—— **rose-colored,** *P. rosea,* ha., fine rose color; ½	5
905	*—— **orange,** *P. aurantica,* bright orange; ½	10
906	*—— **mixed,** several varieties mixed	5
907	*—— **mixed, extra,** very choice, including the newest and most distinct varieties	10

In praise of these charming flowers it is impossible to speak too highly; and it may be safely affirmed that a garden without them is devoid of its brightest ornaments; for the Portulacas are unsurpassed for brilliancy and richness of color. They are adapted for beds, clumps, edgings, pots, vases, or rock work. The plants should stand at least eight inches distant from each other. Easily transplanted.

908	**Potentilla, dark red,** *P. atrosanguinea,* hp., 1	5
909	—— **purple,** *P. formosa,* hp., 1	5
910	—— **Mackay's,** *P. Mackyana,* hp., yellow and purple	10
911	—— **pedata,** hp., fine yellow	10
912	—— **mixed, finest**	10
913	**Primula sinensis.** See Chinese Primrose.	
914	—— **elatior.** See Polyanthus.	
915	**Prince's Feather,** ha., crimson; 3	5
916	**Pyrethrum Delehayi,** hp., new crimson; 1½	25
917	—— **Duchess of Brabant,** hp., rosy purple; 1½	25
918	—— **Glorie de Nimy,** hp., bright crimson; 1½	25
919	—— **Themisteri,** hp., reddish rose, orange centre; 1½	25
920	—— **rubrum,** hp., red	25
921	—— **album,** fl. pl., hhp., double white, 1½	25
922	—— **mixed,** the above six varieties mixed	25
923	**Quaking Grass,** *Briza maxima,* ha., the spikes of this grass are very ornamental and elegant in a dry or green state; valued highly for making up bouquets of everlasting flowers; of the easiest culture; 1	5
924	**Reseda.** See Mignonette.	

No. Price.

925 **Rhodanth mangles,** ta., one of the prettiest of all the everlasting flowers; neat, unique, and beautiful; small, erect branching plant, with numerous semi-double, daisy-like flowers, of rich rose color, suffused with white, retaining their transparency and beauty for a considerable period; 1..... 10

926 **Ricinus major,** *Castor Oil Bean,* hha., very ornamental foliage; 6 to 8..... 5

927 —— **sanguineus,** hha., a very stately growing plant, seven feet high, with large and highly ornamental foliage of Oriental aspect, with clusters of red fruit..... 10

928 —— **Obermanii,** hha., fine new variety, with bunches of scarlet fruit; 7.... 25

These highly ornamental plants have not hitherto met with the amount of consideration they deserve; for backgrounds in large gardens and centres of beds on lawns they are extremely useful.

929 **Rocket, sweet, purple,** *Hesperis matronalis,* hp., a well-known border plant; 2 5

930 —— **white**..... 5

931 —— **mixed**..... 5

932 **Rose of heaven.** See Viscaria cœli.

933 **Rose campion,** *Agrostemma coronaria,* hp., flowers deep crimson; 2..... 5

934 —— **white,** *A. alba,* pure white; fine new variety; 2..... 5

935 —— **mixed**..... 5

The Rose Campions are perfectly hardy, and very easily raised from seed, and will well repay the little care they require; the flowers are produced on long stems, blooming freely throughout the season.

936 **Rose, African, mixed,** *Papaver, rhœas,* ha., a beautiful annual, of the easiest culture; producing double, semi-double, and single flowers, all handsome, sporting in a thousand different varieties, of scarlet, crimson, purple, pink, white, variegated, and parti-colored, and continuing a long time in bloom; 1½..... 5

937 **Rose seed,** saved from a large collection of hybrid Perpetual, Tea, Bourbons, &c..... 25

938 **Rudbeckia amplexicaulis,** ha., large flowers, with broad streaks of fine yellow, marked with a lively stripe of purple at the base; a prominent disk of deep brown, very showy, and of the easiest culture; 2½..... 5

939 **Sabbatia campestris,** ta., flowers rose-color, with yellow eye; ½..... 25

940 **Salpiglossis mixed,** hha., several of the finest and most distinct varieties mixed; 2..... 10

941 —— **dark scarlet**..... 10

942 —— **dark purple**..... 10

943 —— **blue**..... 10

944 —— **scarlet**..... 10

945 —— **sulphur color**..... 10

946 —— **dwarf blue,** new, hha., 1..... 25

947 —— —— **scarlet,** new, hha., 1..... 25

948 —— —— **violet,** new, hha., 1..... 25

949 —— —— **mixed,** new dwarf varieties mixed..... 25

950 —— **assortments,** each color in separate papers. See page 10.

The Salpiglossis are beautiful annuals, with very picturesque and richly colored, erect lobed, funnel-shaped blossoms; colors beautifully marbled, purple, scarlet, crimson, clear yellow, and buff, with elegant shades of blue. The new dwarf varieties form a very desirable section of this pleasing flower.

951 **Salvia amabilis,** tp., lavender blue; 2½..... 25

952 —— **scarlet,** *S. coccinea,* hha., small bright scarlet flowers, very pretty for beds; 2..... 10

953 —— **patens,** tp., beautiful blue; 2 10 seeds..... 25

954 —— **splendens,** tp., scarlet, very showy; 2 to 3..... 25

955 —— **Romeriana,** tp., dark scarlet; 1½..... 10

956 **Saponaria, calabrian,** ha., small rose-colored flowers; ½..... 10

957 †**Saxifraga,** hhp., several varieties mixed; ½..... 10

958 **Scabiosa, sweet.** See Mourning Bride.

959 —— —— **dwarf, new,** ha., fine; 1..... 5

960 —— —— **dark purple,** ha., fine..... 5

961 —— —— **scarlet, new,** ha., a splendid new variety, very showy..... 10

962 **Schizanthus, mixed,** ha., eight varieties mixed; 2..... 5

963 —— **Grahami,** red and orange; 2..... 5

No.		Price.
964	**Schizanthus, retusus,** scarlet and orange; 2	5
965	—— —— **albus,** white; 2	5
966	—— **gracilis,** lilac, spotted; 2	5
967	—— **humilis,** lilac and crimson, dwarf; 1	5
968	—— **Hookeri,** red and orange; 2	5
969	—— **pinnatus,** rose and purple; 2	5
970	—— —— **priestii,** pure white; 2	5
971	—— —— **pulchellus,** variegated; 2	5
972	—— —— **grandiflorus, occulatus,** new, fine purple, with dense dark blotches; surpassing all other varieties for garden or pot culture	10
973	—— **mixed, extra,** finest varieties, including grandiflorus occulatus	10
	Elegant slender-branched annuals, with very conspicuous lobed, or cut-petalled flowers, of white lilac, purple, and rich red, orange and violet crimson spots and marks, very picturesquely blended; well adapted for either garden or pot culture. For winter flowering, they should be sown in August, and grown in pots.	
974	**Schizopetalon Walkeri,** ha., white; ½	10
975	**Scutellaria, alpina,** hp., a border plant, of no great beauty; 1	5
976	—— **commuta,** *Skull cap*, hp., purple; 1	5
977	—— **pallida,** hp., white; 1	5
978	—— **mixed**	5
979	**Scyphanthus, elegans,** hha., yellow; 3	10
980	**Senecio, elegans.** See Jacobea.	
981	**Sensitive plant,** *Mimosa sensitiva*, ta., grown as a curiosity, being so sensitive that the leaves close up, by being slightly touched. Suitable for growing in pots, or the open border; 1	5
982	**Setaria, macrochæta.** See Ornamental grasses.	
983	**Silene armeria, rosea.** See Catchfly	
984	—— —— **alba.** " "	
985	—— —— **carnea.** " "	
986	—— **compacta,** ha., pink; ½	5
987	—— **orientalis,** hp., pink, in beautiful large clusters; 1½	10
988	—— **pendula,** ha., fine heads of rich crimson flowers; beautiful; 1	5
989	—— —— **alba,** ha., white; 1	5
990	—— **pseudo atocion,** ha., an extremely beautiful dwarf variety, with bright pink clusters of flowers, admirably adapted to the formation of beds, and contrast beautifully with Nemophila insignis; very free blooming, and of the easiest culture ½	5
991	—— **schafta,** hp., a dwarf variety from Russia	5
992	—— **barbata,** ha., new, neat dwarf, compact variety, with a profusion of bright pink flowers; very ornamental for bedding; ¾	10
993	—— **rubella,** ha., red ; ½	5
994	—— —— **alba nova,** ha., beautiful dwarf variety, with pure white flowers, contrasting elegantly with S. barbata, one of the most effective and ornamental varieties for bedding purposes; ¾	10
	Among the tribe of Silene will be found some of the brightest ornaments of the flower garden, either in respect to brilliancy of color or length of duration in bloom.	
995	†**Snapdragon, mixed,** *Antirrhinum*, hhp., beautiful summer and autumn flowering plants; curious as well as ornamental; in great variety of colors, among which are many richly spotted and striped; will bloom the first year from seed; 1 to 2	5
996	—— **mixed, extra,** finest	10
997	—— **assortments.** See page 10.	
998	**Solanum, capsicastrum.** See Greenhouse seeds.	
999	**Spergula, pilifera,** new and rare. See Ornamental grasses.	
1000	**Sphenogyne, speciosa,** ha., a profuse bloomer; flowers about 2 inches across, with yellow rays, and a dark brown disk; foliage handsome, and of a spreading habit; very showy; ¾	5
1001	**Spirea, callosa.** a beautiful shrubby variety; the finest of all the family; with bright pink flowers in trusses, appearing all the season; perfectly hardy and easily raised from seed; 4	10
1002	†**Spraguea, umbellata,** hhp., white, dotted with purple; 1	25
1003	***Statice, armeria,** hp , suitable for edgings; ½	5

No.		Price.
1004	*Statice, pseudo armeria,, hp., a very ornamental and effective plant, with large hemispherical, ball-like heads of bright rose-colored flowers; admirably adapted for groups in mixed flower-borders; 2....	10
1005	—— **Benduelli,** ha., one of the most distinct and pretty of this much admired genus, with a profusion of richly tinted bright sulphur-yellow flower-cups or involucres, remaining on the plant several months: succeeds finely in the flower-garden, 1½	10
1006	†**Stevia purpurea,** hhp., purple; 1	5
1007	†—— **serata,** hhp., white; 1	5
1008	**Stipa juncea.** See Ornamental grasses.	
1009	**Stock, ten-week, white,** *mathiola annua,* ha.; 1	5
1010	—— —— **purple**	5
1011	—— —— **scarlet**	5
1012	—— —— **crimson**	5
1013	—— —— **rose**	5
1014	—— —— **mixed,** the above colors mixed	5
1015	—— —— **mixed, German,** comprising only the finest and most distinct colors, yielding 50 per cent. of double flowers	10
1016	—— —— **mixed, extra German,** new, large-flowered; very choice; saved from the brightest and most distinct colors. Received direct from one of the most celebrated florists in Germany. This we offer with full confidence that in its production it cannot be surpassed	25
1017	—— —— —— **wallflower-leaved,** fine mixed	10
1018	—— —— —— —— —— **new,** sulphur-colored; a very beautiful and novel colored stock	10
1019	—— —— —— —— —— **new dwarf,** deep violet; splendid for pot culture	25
1020	—— —— —— **miniature,** new, mixed	10
1021	—— —— —— **pyramidal,** new, large-flowered	10
1022	— **intermediate or autumn-flowering,** fine mixed	10
1023	—— —— —— **mixed extra,** very choice	25
1024	—— **Brompton or winter-flowering,** fine mixed	10
1025	—— —— **mixed extra,** very choice	25
1026	—— **emperor or perpetual-flowering,** scarlet; splendid	10
1027	—— —— **mixed,** very choice	10
1028	—— —— —— **new,** large-flowered; extra, finest mixed	25
1029	—— **giant or Cape mixed,** *French cocardeau,* splendid	10
1030	—— **queen, scarlet,** an old but beautiful variety	5
1031	—— —— **purple**	5
1032	—— —— **mixed**	5
1033	—— **Imperial, mixed,** splendid	25
1034	—— —— **crimson,** superb	25
1035	—— **French cocardeau.** See Giant or Cape.	
1036	—— **assortments, splendid,** colors separate. See page 10.	

The Ten-Week Stocks are now ranked among our most beautiful and effective annual plants for garden decoration or pot culture; their erect habit of growth, and numerous spikes of rich and varied colored flowers, of exquisite fragrance, and continuing in bloom through the summer and autumn months, render them almost indispensable in every collection, however small.

The Intermediate or autumn-flowering varieties, if sown early in spring, will bloom the same autumn; for winter flowering they should be sown in June. They are also valuable for early spring blooming; for which purpose they should be sown the last of July or in August, and kept from hard frost during winter. Plants treated in this way, and planted out in beds in May, make a rich display during the early summer months.

The Emperor or perpetual flowering; this magnificent class of Stocks may be treated in the same manner as the Intermediate, and used for the same purposes; they frequently last several years, if protected from frost; hence its name,—perpetual.

Sowing and subsequent care, see article on Asters, page 7, which may be successfully applied to all the varieties of Stock.

1037	**Sunflower, double dwarf,** *Helianthus,* ha., yellow; 4	5
1038	—— —— **tall,** ha., —— yellow; 7	5
1039	—— —— **Californian,** ha., yellow	5
1040	—— —— **new green centred,** ha., fine; 5	5

No.		Price.
1041	**Sunflower, leviathan,** ha., yellow; new and rare; 15	10
1042	**Swan Daisy, mixed,** *Brachycome iberidifolia*, hha., a neat, dwarf, compact, densely branched annual, with numerous elegant purplish and porcelain, lilac and blue Cineraria-like flowers, with a rich green, narrow-lobed foliage; an effective bedding plant; ½	10
1043	**Sweet Alyssum.** See Alyssum.	
1044	**Sweet Sultan, mixed,** *Centauria moschata*, ha., handsome border annuals of the easiest culture, blooming freely from July to November; 2	5
1045	—— —— **white,** —— —— *alba*	5
1046	—— —— **purple,** —— —— *purpurea*	5
1047	—— —— **yellow,** —— —— *suaveolens*	5
1048	**Sweet Peas.** See Peas.	
1049	**Sweet Williams, mixed,** *Dianthus barbatus*, hp., very choice; saved from Hunt's and other fine varieties; 1½ to 2	5
1050	—— —— **mixed, double,** fine	10
1051	—— —— **scarlet,** fine	10
	A useful and well-known tribe of plants, perfectly hardy, and easily raised from seed; a bed of fine varieties presents a rich sight; it sports into endless varieties; viz. pink, purple, crimson, scarlet, white, variously edged, eyed, and spotted. This seed was saved from finest named varieties, together with Hunt's (a celebrated English amateur), which we can confidently recommend as superior to anything ever before offered in this country.	
1052	**Sweet Clover,** *Trifolum odoratum*, hb., a tall growing plant, much branching, with racemes of white flowers; very fragrant; 4½	5
1053	**Tacsonea ignea.** See Greenhouse seeds.	
1054	**Tagetes.** See Marigold.	
1055	**Tassel-flower, scarlet,** *Cacalia coccinea*, ha., a beautiful annual, with a profusion of scarlet tassel-shaped flowers, from July to October; 1½	5
1056	—— —— **orange-colored,** *C. aurea*, ha., a beautiful variety, with bright orange-colored flowers: 1½	5
1057	****Thunbergia, mixed,** hha., exceedingly pretty climbers; well suited for covering a column or fancy wire-work in a conservatory; they also succeed planted out on a warm border	10
1058	**—— **alata,** winged, buff, with dark eye; 4 to 6	5
1059	**—— **alba,** white; 4 to 6	5
1060	**—— **aurantica,** bright orange, with dark eye; 4 to 6	5
1061	**—— **Bakeri,** fine white; 4 to 6	10
1062	**—— **sulphurea,** pale yellow; 4 to 6	5
1063	**—— **Americana,** clear buff; 4 to 6	10
1064	**Trifolium odoratum.** See Sweet Clover.	
1065	**Trypsacum dactyloides.** See Ornamental grasses.	
1066	****Tropæolum Lobbianum,** orange	25
1067	**—— —— **Caroline Schmidt,** deep scarlet	25
1068	**—— —— **Lillie Schmidt,** orange scarlet	25
1069	**—— —— **brilliant,** dark scarlet	25
1070	**—— —— **Schultzi,** dark carmine	25
1071	**—— —— **flamula grandiflora,** yellow, streaked with carmine	25
1072	**—— —— **Geant des Battles,** brilliant carmine	25
1073	**—— —— **Girabaldi,** brilliant scarlet	50
1074	**—— —— **Duc de Vicence,** sulphur and vermilion	25
1075	**—— —— **Duc de Luynes,** yellow, spotted	50
1076	**—— —— **glabrum variegatum,** orange scarlet	25
1077	**—— —— **Masillieuse,** deep carmine	25
1078	**—— —— **Mons Tuerel,** orange and vermilion	50
1079	**—— —— **Mons Colmet,** canary and dark carmine	50
1080	**—— —— **Napoleon III.,** orange yellow, striped with vermilion	25
1081	**—— —— **peraguauum,** scarlet and black	50
1082	**—— —— —— **pictum,** carmine, shaded	50
1083	**—— —— **Roi des Noirs,** nearly black	50
1084	**—— —— **tri-color grandiflora,** carmine spotted	50
1085	**—— —— **Triomph de Gand,** fine orange scarlet	25
1086	**—— —— —— **du prado,** yellow, scarlet flamed	25

No.		Price.
1087	****Tropæolum Lobbianum, versicolor,** orange striped	50
1088	**—— —— **Victor Emanuel,** brilliant carmine and gold	25
1089	**—— —— **zanderii,** vivid scarlet; one of the strongest growing varieties	25

The above varieties, as hybrids from T. Lobbianum, are unsurpassed by any collection ever offered. They are all of the easiest culture, and flower profusely the first year; though not in all cases perpetuating their respective kinds true from seed, they nevertheless often produce still more beautiful ones, and amongst them varieties of the perpetual flowering, which are invaluable for decoration in greenhouse, conservatory, and for bouquets in winter.

In the greenhouse or conservatory they may be had in bloom the greater part of the year; and in favored situations in the open air, for edgings, covering trellis-work, or handles of rustic baskets, or trailing from vases, their elegance of form and brilliancy of color render them peculiarly valuable.

1090	****Tropæolum peregrinum.** See Canary Bird flower.	
1091	*—— **minus,** orange and yellow; ½	10
1092	*—— —— **coccinea,** scarlet; ½	10
1093	—— **mixed,** Nos. 1091 and 1092 mixed	10

The two last named are beautiful dwarf-growing varieties, about six inches high; admirably adapted for beddings, edgings, or pot culture.

1094	—— **other varieties.** See Nasturtium.	
1095	**Uniola latifolia.** See Ornamental grasses.	
1096	**Valerian rubra,** hp., red	5
1097	—— **alba,** hp., white	5
1098	***Venus' looking-glass, mixed,** ha., very showy for small beds, edging, &c.; 1	5
1099	*—— **blue**	5
1100	*—— **blush**	5
1101	*—— **white**	5
1102	**Venidium, calendulaceum,** hha., fine deep orange; very handsome; in bloom from July to November; a fine bedder; 1	10
1103	**Verbena, hybrida, mixed,** saved from newest show flower	10
1104	—— **Aublets,** *V. Aubletia,* ha., purple; ¾	5
1105	—— **Drummond's,** *V. Drummondii,* ha., lilac; ¾	10
1106	—— **teucrioides, odorata,** ha., white, sweet-scented; ¾	10
1107	—— **pulchella,** ha., violet; free flowering; ¾	10
1108	—— **venosa,** ha., violet purple, fine; ¾	10
1109	*—— **veronicæfolia,** ha., blue; ¼	10

The above are fine varieties of this well known and generally admired class of bedding plant, all of which are of the easiest possible culture, flowering profusely the same season they are sown; most effective in masses.

1110	**Veronica, Syriaca,** hha., small blue flower, suitable for pots and the open ground; ½	10
1111	—— —— **alba,** hha., a variety of the preceding, with white flowers; ½	10
1112	—— **spicata,** hp., blue; 1	5
1113	—— —— **alba,** hp., white; 1	5
1114	—— **incisa,** hp., blue; 2	5
1115	**Victoria Regia.** The grandest aquatic known. See Novelties.	
1116	**Vinca, rosea,** rose color; 1	10
1117	—— **alba,** pure white; 1	10
1118	—— **mixed,** very ornamental and free-blooming plants throughout the summer and autumn; fine for bedding or pot culture	10
1119	**Viola, tricolor, grandiflora.** See Pansies.	
1120	†—— **odorata,** hp., sweet-scented; ½	10
1121	**Virginia Stock.** See Malcomia maritima.	
1122	**Viscaria, cœli rosea,** *Rose of heaven,* rose color; 1	5
1123	—— —— —— **alba,** new white, fine; 1	10
1124	—— —— —— **nana,** rose color, a beautiful dwarf variety; ½	10
1125	—— —— **oculata,** rosy purple, dark eye, fine; 1	5
1126	—— —— —— **Dunnetti,** white with dark eye, splendid; ½	10
1127	—— —— —— **nana, nova,** beautiful pink, fine dwarf; ½	10

No.		Price.
1128	**Viscaria, mixed,** Nos. 1122 and 1125 mixed	5
1129	—— —— **mixed extra,** including all the above varieties	10

There are few annuals more beautiful than the Viscarias, especially the dwarf varieties, which are peculiarly neat, compact plants, from six to eight inches high, and completely covered with flowers. They are all adapted either for beds, edgings, or clumps; their profuseness of bloom will always rank them among general favorites.

1130	***Vittadina trilobata,** *Australian Daisy*, hp., purple and lilac; a very pretty little plant; ½	10
1131	**Wallflower, mixed,** hhp., several varieties mixed	5
1132	—— **mixed extra,** finest German sorts, saved from pot plants	10
1133	—— **mixed dwarf,** choice	10
1134	—— **assortments,** colors in separate papers. See page 10.	
1135	**Whalenbergia grandiflora,** hp., blue Campanula-like flower; 1	10
1136	**Whitlavia grandiflora,** ha., violet blue; a very handsome, free flowering plant, suitable for beds and borders; 1	5
1137	**Xeranthermum, mixed,** ha., everlasting flowers; 1½	5
1138	—— **purple**	5
1139	—— **white**	5
1140	—— **yellow**	5
1141	—— **new white**	5
1142	†**Zauschneria Californica,** hp., a very interesting and valuable hardy autumn flowering plant, with a profusion of scarlet flower tubes in September, October, and November; well adapted for dry, gravelly soils in sunny situations; exceedingly handsome for beds and borders; 1	25
1143	**Zinnia elegans, mixed,** ha., ten varieties; 2	5
1144	—— **double, new.** See Novelties.	
1145	——**assortments,** colors in separate papers. See page 10.	

By many persons the Zinnia is considered the showiest of all annuals; and indeed there are few flowers that equal it in brilliancy of color. Whether grown in beds or clumps, they are equally to be admired.

GREENHOUSE SEEDS.

No.		Price.
1146	**Abutilon pulchellum,** white	25
1147	—— **Beranger,** a fine new striped variety	25
1148	—— **Duc de Malakoff,** extra fine	25
1149	—— **esculentum,** a fine variety	25
1150	—— **floribundum,** fine yellow	25
1151	—— **marmorata,** white, veined with rose	25
1152	—— **mixed,** all the above varieties	25

This is a very showy and universally admired class of shrubs, with elegant pendulous, bell-shaped flowers; very free growers and profuse bloomers, and easily managed.

1153	**Acacia armata,** yellow	25
1154	—— **capensis,** yellow	25
1155	—— **cultriformis,** yellow	25
1156	—— **dealbata,** bright canary yellow	25
1157	—— **Douglasii,** yellow	25
1158	—— **farnesiana,** yellow	25
1159	—— **grandis,** yellow, fine	25

No.		Price.
1160	**Acacia, Julibrissin,** rose-color	10
1161	—— **longiflora,** yellow, long-leaved	25
1162	—— **lophantha,** yellow	25
1163	—— **Newmani,** yellow	25
1164	—— **Trinervis,** yellow	25
1165	—— **Vestita,** yellow	25

In praise of this class of ornamental shrubs it is almost impossible to speak too highly; they are not only of invaluable use for greenhouse decoration, but also during summer they will be of equal service in the flower-garden, where their beautiful foliage and neat habit alone cannot fail to render them very attractive.

They are all remarkably fine in foliage; but a lophantha and longiflora are pre-eminently so. A. Julibrissin is hardy and elegant, with tassel-like tufts of rosy flowers. Previous to sowing, soak the seed in water at 120° for six hours.

1166	**Achimenes, mixed,** saved from one of the largest collections in England	25
1167	**Azalea, indica, mixed,** saved from best-named sorts	25
1168	**Callistachys, lanceolata**	25
1169	—— **linearis**	25

Two pretty Greenhouse shrubs, growing about three feet high, with yellow blossoms.

1170	**Calceolaria, mixed,** saved from a choice collection	25
1171	—— **mixed, extra,** saved only from the finest-named sorts	50
1172	**Camellia, Japonica,** fine mixed	25
1173	**Campanula.** See General List.	
1174	**Canna,** in varieties. See General List.	
1175	**Chamærops, humilis,** *Fan Palm,* a very ornamental Palm, from 6 to 10 feet high, a style of plant that lends a very oriental aspect to the house. It is said that this palm will stand our winters out of doors with a little protection	10
1176	**Chinese Primrose, purple,** *Primula sinensis*	25
1177	—— —— **white**	25
1178	—— —— **purple fringed,** saved only from finest fringed flowers	50
1179	—— —— **white fringed,** saved only from finest fringed flowers	50
1180	—— —— **mixed,** Nos. 1176 and 1177 mixed	25
1181	—— —— **mixed,** Nos. 1178 and 1179 mixed	50

We know of no plants to compare with these for the winter and spring decoration of greenhouses; their fine, large clusters of flowers, and easy culture, rendering them general favorites.

1182	**Chorozema cordata,** yellow	25
1183	—— **ilicifolia,** yellow	25
1184	—— **varia,** yellow and red	25
1185	—— **mixed,** the above varieties mixed	25
1186	**Chrysanthemum indicum,** large-flowered, mixed varieties	25
1187	—— —— **pompone,** mixed varieties	25
1188	**Cineraria, mixed**	25
1189	—— **mixed, extra,** saved from only choice-named sorts	50
1190	**Clerodendron infortunatum,** scarlet	50
1191	—— **nutans,** white	50

The Clerodendrons are amongst the most gorgeous and effective of stove shrubs, with noble leaves and large, panicled clusters of flowers throughout summer and autumn.

1192	**Clianthus punicens,** crimson	50
1193	—— **magnificus,** scarlet	50

Neat and free-growing shrubs, with their striking lobster-claw-like flowers. They are richly ornamented with bright scarlet and crimson blossoms in the spring months.

1194	**Cuphea,** in varieties. See General List.	
1195	**Cyclamen, mixed,** saved from choice varieties	25
1196	**Epacris,** fine mixed	25
1197	**Erica mixed.** See Heath.	
1198	**Ferns mixed,** saved from one of the largest collections in Europe	25
1199	**Fuchsia mixed,** saved only from finest new varieties	25

No.		Price
1200	**Geranium mixed,** finest fancy varieties	25
1201	—— **mixed hybrid,** finest of Odier, with five spots	25
1202	—— **scarlet,** *zonale*	10
1203	—— **mixed extra,** saved from the newest varieties of scarlet, rose, salmon, and white varieties	25
1204	**Gesneria mixed,** finest	25
1205	**Gloxinia mixed,** saved from choice varieties	25
1206	—— **erect growing** varieties	25
1207	—— **drooping**	25
1208	—— **mixed extra,** saved from an unrivalled collection, including splendid varieties both in the erect-flowered section and the drooping one	50
1209	**Habrothamnus elegans,** a fine greenhouse shrub, with drooping reddish purple flowers	25
1210	**Heliotrope.** See General List.	
1211	**Humea elegans.** See General List.	
1212	**Indigofera Australis,** pink	25
1213	—— **cytisoides,** red	25
1214	—— **sylvatica,** rose and lilac	25
1215	—— **tinctoria,** pink	25
1216	—— **violacea,** lilac and rose	25
	The Indigoferas are handsome greenhouse ornaments. I. tinctoria is the Indigo of commerce.	
1217	**Kennedya comptoniana,** blue	25
1218	—— **longiracemosa,** pink and scarlet	25
1219	—— **Marryattæ,** scarlet	25
1220	—— **ovata,** purple	25
1221	—— —— **alba,** white	25
1222	—— **rubicunda,** red	25
1223	—— **rotundifolia,** scarlet	25
1224	—— **mixed,** the above varieties	25
	These climbers are among the most striking of greenhouse ornaments, and deserve more extensive cultivation than has hitherto been extended to them, as few plants are more serviceable for greenhouse decoration; their bright colors impart a most cheerful appearance during the early part of the season; and if trained round fanciful wire shapes, a peculiarly interesting effect is produced. Steep the seed in warm water for six hours before sowing.	
1225	**Mandevillea suaveolens,** a most elegant and beautiful climber, with pure white, large, open, trumpet-shaped flowers, of exquisite fragrance, freely produced in a profusion of racemes	25
1226	**Maurandias,** fine greenhouse climbers. See General List.	
1227	**Mimulus,** extra choice. See General List.	
1228	**Passion-flower.** See Passiflora.	
1229	**Passiflora cærulea,** blue	25
1230	—— **gracilis,** white	25
1231	—— **princeps,** splendid racemes of vermilion flowers, surpassing even Tacsonea ignea in beauty and profusion of bloom	50
1232	**Pelargonium, mixed,** saved from finest varieties	25
1233	**Petunias.** See General List.	
1234	**Phormium tenax,** *New Zealand flax*, one of the handsomest evergreen winter ornaments in cultivation for greenhouse decoration; the habit is bold and striking, and the color of the foliage a rich dark green	50
1235	**Pleroma elegans;** without exception this is the finest of all the Melastomaceous plants yet known, for its fine habit and extremely beautiful, large, violet, plum-colored blossoms, borne in great profusion; it ranks as one of the finest plants for competition; and under superior management it is unequalled in its style and character	50
1236	**Schizanthus;** for pot culture we would recommend S. grandiflorus, S. retusus, and S. retusus alba, as being best adapted for that purpose. See General List.	
1237	**Solanum Capsicastrum,** a very pretty greenhouse shrub, of neat, compact branching habit, from six to twelve or eighteen inches high, with small foliage, richly contrasted with a profusion of orange-scarlet, cherry-like fruit throughout the autumn, winter, and spring months. A valuable plant for decoration	25

No.		Price.
1238	**Tacsonea ignea**; this is a splendid orange-scarlet-colored, "Passion-flower"-like conservatory climbing shrub; showing the unequalled vermilion tint of the Gesneria cinnabarina; each blossom being relieved by contrast with a circle or band of purple filaments in the centre	50
1239	**Tropæolum.** See General List.	
1240	**Verbena.** See General List	10

The following list, though not coming under the head of Greenhouse seeds, are, nevertheless, well adapted for pot culture, and, indeed, it may be said that many of them are almost indispensable for Greenhouse decoration.

The numbers refer to their position in the General List, at which place see description and price.

No.	
75	**Acroclinum,**
77	**Ageratum,**
82	**Alonsoa,**
84	**Alstromeria,**
85	**Alyssum,**
94 to 108	**Anagallis,**
120 to 138	**Asters,**
142 to 145	**Auricula,**
184	**Callirhoe Pedata,**
213	**Canary Bird Flower,**
340, 341	**Cypress Vine,**
345, 346	**Daisy,**
353	**Datura,**
383 to 384	**Erythrina,**
405	**Fenzlia dianthiflora,**
435 to 441	**Gaillardia,**
493	**Gypsophila, muralis,**

No.	
538 to 550	**Ipomeas,**
555, 556	**Isotoma,**
612 to 629	**Lobelia,**
719, 720	**Mignonette,**
752 to 760	**Nemophila,**
803 to 811	**Peas, sweet,**
842, 853	**Phlox Drummondii,**
858 to 885	**Pinks,**
819	**Polyanthus,**
940 to 948	**Salpiglossis,**
1002	**Spraguea umbellata,**
1004, 1005	**Statici,**
1009 to 1036	**Stocks,**
1057 to 1063	**Thunbergia,**
1102	**Venidium calandulaceum,**
1142	**Zanschneria Californica.**

ORNAMENTAL GRASSES.

1241	**Æchnodenton billiardi,** ha.	10
1242	**Agrostis dulcis,** ha., fine	10
1243	—— **effusus,** ha.	10
1244	—— **nebulosa,** ha., one of the most graceful and elegant; and in a cut state superior to any for ornament, either in a dried or green state; succeeds in any garden soil	10
1245	—— **plumosa,** ha., rare	10
1246	—— **pulchella,** ha	5
1247	**Anthoxanthum gracile,** ha.	5
1248	**Avena sensitiva,** *Animated Oats,* ha.	5
1249	**Briza.** See Quaking Grass.	
1250	**Bromus bryzoporoides,** ha.	10
1251	**Bryzopyrum siculum,** ha., very distinct and beautiful dwarf variety	10

No.		Price.
1252	**Chloris radiata,** a fine species, singularly elegant perennial grass; nine to twelve inches in height, with flower scapes or stems, having slender flower spikes or rachis, radiating horizontally from the extremities of each scape, like the concentric spokes of a wheel	10
1253	**Chrysurus aureus,** *Lamarkia*, ha., very useful for bouquets	5
1254	**Coix lachryma,** ha. See Job's Tears.	
1255	**Cyperus glomeratus,** ha	5
1256	—— **Paramatta,** ha	5
1257	**Eleusine corocana,** ha	5
1258	—— **cylindrifolia,** ha	10
	The above two varieties are pretty and graceful.	
1259	**Eragrostis elegans,** *Love grass*, ha	5
1260	—— **cylindriflora,** ha	10
1261	—— **namaquensis,** ha	10
	The Eragrostis are among the prettiest of the tribe of Ornamental Grasses, and will succeed in any good light garden soil.	
1262	**Erianthus Ravenna,** hhp., new; this a bold-looking, reed-like grass, from four to six feet high, with a fine foliage, resembling much in appearance the Pampas grass; rare	25
1263	**Gynerium argenteum,** *Pampas grass*, hhp. This is, without exception, the most stately growing species of grass known; in stature it rivals the Bamboo; being described as attaining, in its native plains (South America), from ten to fifteen feet in height. In northern latitudes it should be protected in winter by removing to the cellar or cold frame. South of Washington it will probably prove hardy	25
1264	**Hordeum jubatum,** hp., a splendid new grass; very rare	25
1265	**Job's Tears,** *Coix lachryma*, ha., ornamental	5
1266	**Lagurus ovatus,** *Hare's tail grass*, ha., useful in winter bouquets	5
1267	**Lamarkia.** See Chrysurus aureus.	
1268	**Panicum Italicum,** ha	5
1269	—— **orycinum,** ha., fine	10
1270	—— **pulchrum,** ha	10
1271	**Pampas grass.** See Gynerium argenteum.	
1272	**Paspalum elegans,** hha., pretty	5
1273	**Pennisetum longistylum,** ha., very interesting and beautiful	10
1274	**Piptaptermum Thomasi,** ha., fine	10
1275	**Quaking grass, large,** *Briza maxima*, ha.,	5
1276	—— —— **slender,** *Briza gracilis*, ha	5
	Both varieties of the Quaking Grass are of very easy culture, very ornamental and elegant in a dried or green state.	
1277	**Setaria macroeta,** ha	5
1278	**Spergula pilifera,** new; a perfect substitute for grass lawns, edgings, &c., &c., requiring no mowing. See Novelties.	
1279	†**Stipa capillata,** hp	5
1280	†—— **gigantea,** hp	5
1281	†—— **juncea,** hp	5
1282	†—— **pennata,** *Feather Grass*, hp	5
1283	**Trypsacum dactyloides,** hp	5
1284	**Uniola latifolia,** ha	10

OMISSIONS.

The following varieties should have appeared under their respective heads in the foregoing list, but were accidentally omitted.

No.		No.	
1285	Clarkia, double white, see page 41.	1291	Œnothera grandiflora, see page 43.
1286	Convolvulus tricolor monstrosus, see page 42.	1292	Œnothera Drummondii nana albida, see page 43.
1287	Convolvulus tricolor subscæruleus, see page 42.	1293	Tropæolum Crystal Palace Gem, see page 44.
1288	Ipomea limbata elegantissima, see p. 43.	1294	Vernonia novæboracensis, see page 44.
1289	Linaria vipartita splendida, see p. 43.	1295	Hunnemannia fumariæfolia, see p. 42.
1290	Lobelia marmorata, see page 43.	1296	Saponaria, calabrica rosea alba, p. 44.

NOVELTIES.

NEW VARIETIES OF FLOWER SEEDS FOR 1861,

now offered for the first time in this country. Also, all the new varieties of 1860 that have proved to be of real merit.

To distinguish those of 1860 from 1861, we have affixed this mark (*) to the latter.

The numbers refer to their position in the General Catalogue.

No.		Price.
103	**Anagallis, Eugenie,** *grandiflora var.*	10
104	—— **Napoleon III.,** ——	10
105	***Anagallis, Memoria dell' Etna,** ——	25
106	*—— **Trionfo di Firenze,** ——	25

These are beautiful new varieties of the well-known Anagallis grandiflora, but the flowers are much larger. They will be found extremely ornamental as half hardy bedding plants; also for Greenhouse or Conservatory decoration, as they present a most graceful appearance when cultivated in pots or vases. The colors contrast well, and they continue in bloom for a long time. Eugenie, light blue shading from the centre, to pure white at the border. Napoleon, rich crimson. Memoria dell' Etna, bright scarlet. Trionfo di Firenze, beautiful Lazuline blue.

184 **Callirhoe, pedata.** Too much cannot be said in praise of this beautiful summer-flowering annual; from 2 to 3 feet in height, with green sub-digitata leaves and leafy stems, terminating in large panicled racemes of rich violet or purple crimson close-petalled flowers, with white centre, each from one to one and a half inches in width, and partially cupped; commences to bloom when about six inches high, and continues to yield a succession of its numerous attractive flowers throughout the summer and autumn, till hard frost, forming an elegant object for groups, beds, or single specimens of the easiest culture..... 10

185 **Callirhoe, digitata.** This is a perennial variety of the Callirhoe, from 3 to 4 feet high, with violet red flowers, which are very sparingly produced in comparison with Callirhoe pedata..... 10

273 **Clarkia, integripetala,** *pulchella var.* This is the first of what might almost be called an entirely new class of Clarkia; the flowers are nearly double the size, and color more brilliant, and the petals whole instead of being three-lobed, like the old Pulchella varieties; it was highly recommended by the Committee of the London Horticultural Society..... 10

271 ***Clarkia, Tom Thumb,** *pulchella var.*, recommended by the Horticultural Society of London, and described by them as follows: This was a dwarf, bushy-habited variety, exhibited under the name of Tom Thumb; single plants taken up from the ground formed a compactly branched mass, about eight inches in height, and as much in diameter, profusely flowered, the flowers being of a rich purplish rose-color, of the best forms of the species. It was highly recommended on account of its dwarf habit, which it was thought would render it one of the most useful for summer beds..... 10

1285 ***Clarkia, double white,** *elegans var.*, a variety of the Clarkia elegans, raised by M. Vilmorin of France, who describes it as follows: "The flower is composed of three rows of petals, pure white, become afterwards slightly flesh-colored; as to its habit and culture, it does not differ from other varieties of the Clarkia elegans..... 25

No.		Price.
804	***Columbine, double carnation striped,** *Aquilegia caryophylloides;* this is a beautiful double-flowered variety of the common Columbine; the flowers are white, variously striped with crimson, and here and there with reddish purple, producing an effective variegation. It is stated to have been selected out of a bed of mixed colors, and to have been proved to come true from seed. It is also stated to be quite distinct in the seed, which is of light green, instead of being black, as is usually the case. It was highly recommended by the Horticultural Society of London as being a very distinct and beautiful variety	25
1286	***Convolvulus tri-color monstrosus,** very robust, with large and exceedingly rich deep purple flowers	10
1287	***Convolvulus tri-color subscæruleus,** a very pretty dove-colored variety, having about one half the depth of color of Convolvulus minor, blue	10
822	***Coreopsis mossy,** *mosseaux*, a curious variety, in which the stems are apparently furnished with narrow serrated wings, which gives them a shaggy or mossy appearance. Rare and unique. Annual	10
823	***Coreopsis cardaminefolia,** the most beautiful of all the Coreopsis; grows two feet high, in globe pyramidal form, covered with thousands of flowers; should be planted single, about two feet apart. Annual; in packets of twenty seeds	10
828	**Cosmidium Burridgeanum,** an elegant annual; grows about two feet high, with beautiful Coreopsis-like flowers, with remarkable rich crimson, brown centre, and golden orange, yellower border. Admirably adapted for brilliant colored groups or marginal lines	10
853	**Datura chlorantha,** fl. pl., *humilis, fl. pl.*, or *flava, fl. pl.*, a rare and ornamental flowering annual, of erect branching habit, with rich, ample, green, vine-like foliage, and large, conspicuous, drooping double flowers, from six to nine inches in length, of a rich nankeen yellow, having a tubular, trumpet-shaped outline, with the two outer series of petals elegantly decurved backwards, forming an elegant and unique object in bloom, being well adapted for culture either in greenhouse or open garden. Plants should stand single, at least two feet apart; from two to three feet high	10
856	***Delphinium Chinese, rubro punctatum,** a splendid large double-flowered variety of the well-known Chinese Larkspur; color deep mazarine blue, with a rich crimson blotch on each petal. Hardy perennial; flowering from seed the first year; in packets of twenty-five seeds	25
857	***Delphinium Chinese, alba grandiflora,** another new variety of the Chinese Larkspur, with elegant transparent, silvery white flowers, as large as D. formosum. Hardy perennial; flowers the first year from seed; in packets of twenty-five seeds	25
1262	**Erianthus Ravenna.** A magnificent grass. See Ornamental grasses.	
393	***Eucharidum grandiflorum album.** A neat dwarf-growing blush-white variety, very compact in habit, and a long and profuse bloomer	10
394	***Eucharidum grandiflorum roseum.** Described by the Horticultural Society of London as a blush-colored variety, apparently rather larger than the foregoing, but more flushed with rose color. A plant of each was sent to Dr. Lindley, who speaks of them in the Gardener's Chronicle (London), as follows: "One of them is white, or nearly so; the other is stained with pale rose; they were very handsome and distinct." Both varieties are hardy annuals, about one foot high	10
405	**Fenzlia, Dianthflora.** This lovely annual is of a beautiful rosy lilac color, having five dark blood-colored spots, surrounding an orange-colored eye in the centre of each flower; it is of a very dwarf and compact habit, producing blossoms in profusion; is of long duration in bloom, and has a fine effect in small beds; also grown in pots or boxes for greenhouse decoration	10
428	**Foxglove gloxinia-flowered,** *Digitalus gloxiniodes.* A fine mixture of this new and elegant variety	10
412	***Flax, large-flowered, purple,** *Linum grandiflorum purpureum.* A large purple-flowered variety of the beautiful crimson Flax, and promises to be a desirable novelty	10
465	**Gladiolus.** Splendid mixture, saved from fifty of the newest and choicest named varieties in cultivation. Those who are desirous of raising new and improved varieties of this most beautiful and ornamental bulb, can safely depend upon these seeds, as the greatest variety of color may be counted upon, with a probability of obtaining both new and valuable varieties of the highest merit	25
521	**Hollyhocks mixed, extra.** Saved only from the finest new English and Scottish prize flowers	25
1295	***Hunnemannia fumariæfolia.** A half-hardy perennial (flowering freely the first year from seed), allied to Eschscholtzia, having similar cut foliage and producing bright yellow, poppy-like flowers, with robust and erect	

No. Price.

habit. It is, without doubt, a most desirable plant, with the general habit of the Eschscholtzia, and adapted for similar purposes 10

539 **Ipomea chyseides.** A splendid new variety, with yellow flowers; in packets of 10 seeds 25

1288 **Ipomea limbata elegantissima.** This marvellously beautiful Ipomea is the finest of all; its flowers are similarly shaped to those of the generality of the Ipomeas; but each blossom has a five-pointed star of intense violet blue, the intermediate spaces being pure white. The blossoms are most profuse 25

1289 ***Linaria vipartita splendida.** A very fine and richly-colored annual, flowering profusely, and continuing a long time in bloom; the habit is erect, like that of the older varieties; the flowers very large, of a rich deep purple. Messrs. Carter & Co., of London, state that they have full confidence in its being fixed in character, as it has been carefully selected for the last seven years 10

1290 ***Lobelia marmorata,** *erinus, var.* A beautiful new variety of the erinus variety, raised by M. Vilmorin, of France. It grows from four to eight inches high, of compact habit, with short lanceolate leaves, and covered with flowers during several months. The flowers are remarkable for their extraordinary size, and the peculiarity of their colors, which are white at the centre, mottled with pale blue, and passing to deep blue at the border,— one of the most effective varieties yet introduced for bedding purposes or pot culture 25

574 **Larkspur tricolor elegans.** The intense richness of color and delicacy of marking of this handsome Larkspur are scarce conceivable. It should be an inhabitant of every garden. Annual 10

1291 ***Œnothera grandiflora,** *Lamarck.* This is described as having a habit of Œ. biennis, with the flowers of Œ. macrocarpa, with large, bright, yellow flowers of the most showy character. It is regarded as a very ornamental plant for large mixed borders 25

1292 ***Œnothera Drummondii, nana albida.** A fine new variety, with downy, lirately pinnatifid leaves, and large sulphur-yellow flowers, in which the edges of the petals are paler than the other parts. Makes a most desirable bedding plant. Annual 25

875 **Pink, Chinese, Heddewig's.** A most beautiful new variety. The whole plant is scarcely one foot high, and very bushy; whilst always thirty or forty flowers are at once in blossom. The flowers are very large, from two to three inches in diameter. of a most beautiful shape, and of a variety and brilliancy of colors quite unsurpassed in pinks, from white mottled with rose, and purplish red, with dark centre, to velvety carmine crimson, dark blood-red, and mottled and shaded with maroon and velvety black 25

876 ***Pink, Chinese, Heddewig's, new double.** A new variety of this splendid new Pink, having beautiful double flowers, instead of the single. The most remarkable flower of the season. In packets of 10 seeds 25

877 **Pink, Chinese, Heddewig's, giganteus.** This likewise large and splendid variety is distinguished from No. 875 by its somewhat taller growth, and its stalks bearing only one blossom each 25

878 **Pink, Chinese, laciniatus, fl. pl.** This is described by the raiser, Mr. Heddewig, as being imported from Japan with the Dianthus chinensis Heddewigi. The following is a description of the flowers and habit of the plant:— Grows 2 feet high, very hardy; flowers *about 4 inches in diameter;* each petal consisting of a long delicate fringe, some double, others single: blooms from the end of May until the beginning of frost: the colors are *pure white, flesh, rose, various shades of red, carmine, violet, purple, and rich maroon,*— some being selfs, others striped and spotted; is suitable either for greenhouse or out-door cultivation 25

All the above Pinks flower from seed the first year; are perfectly hardy, and flower strong the second year, and all are alike suitable for the conservatory or flower-garden.

885 **Pink, Vetch's.** A new perennial of erect growth, with large trusses of bloom in long succession; color chiefly scarlet and white; habit resembling the Sweet William. A very beautiful and much admired plant 10

833 **Petunia.** Superb mixed; saved from the most beautiful varieties of both double and single flowers 25

837 **Petunia.** Superb mixture, including the new green-bordered varieties 10

827 ***Perilla Ocymoides.** A new variety, which will be found to form a most pleasing contrast with the beautiful Perilla Nankinensis; it has a fine large rich green foliage, and is very sweet-scented, and more compact in habit. Annual. In packets of 20 seeds 10

854 **Phlox perennial, mixed.** Saved from our collection of upwards of one hundred varieties, embracing all the new English and French varieties that have been introduced during the last five years. Those who are desirous of raising new and improved varieties of this, the most valuable of all hardy

No.		Price.
	herbaceous plants, can safely depend on these seeds, as the greatest variety of color may be expected, with a probability of obtaining both new and valuable varieties	25
1296	***Saponaria calabrica roseo alba.** Highly recommended as a free flowering variety, with blush-white flowers, and forming a pretty contrast with the deep rose variety, for rockwork or the flower border	25
1237	**Solanum Capsicastrum.** A very neat greenhouse shrub, of neat, compact branching habit; from six to twelve or eighteen inches in height, with small foliage, richly contrasted with a profusion of orange-scarlet, cherry-like fruit throughout the winter and spring months. A valuable plant for decoration	25
1278	**Spergula pilifera,** a beautiful ornamental grass, which in its style of growth is a neat, dwarf, hardy perennial, tufted plant, forming close, compact, wiry, grasslike stems, from a quarter to half an inch in height, clothed with closely set, green, bristle-like leaves, which by permanent growth form an unbroken level, velvet-like surface of the richest conceivable verdure, remaining uninjured in severe drought or intense cold, and assumes the same beautiful verdurous tint during the winter months as in summer. Its fertility in bloom during the month of July is equally beautiful; being studded over with myriads of low snow-white blossoms, appearing, not as in fancy but in reality, the living picture of an emerald-green velvet carpet, spangled with innumerable silver stars. It is a perfect substitute for grass on medium-sized lawns, terraces, mounds, and edgings to flower beds, without mowing	25
972	**Schizanthus grandiflorus oculatus,** brilliant purple, with dense dark blotch; a great improvement in size of flower and color to all other varieties	10
1102	**Spraguea umbellata,** a beautiful hardy dwarf biennial plant, well suited either for pot or border culture; the habit is dwarf and spreading, resembling the Calandrinia grandiflora; the flowers, resembling an Amaranthus, are beautifully shaded pink, with purple stamens	25
1298	***Tropæolum Crystal Palace Gem.** This is one of the dwarf or Tom Thumb varieties, with large sulphur-colored flowers, having a dark red spot near the base of each petal. Very pretty and effective as a bedding plant; the flowers being well exhibited from the foliage, and continues in bloom until cut by frost; in packets of ten seeds	25
1294	***Vernonia novæboracensis,** a splendid new herbaceous perennial plant, having fine heads of bloom growing in the form of the perennial Phlox; color rich crimson scarlet. This is undoubtedly one of the most valuable herbaceous perennials that has been introduced for many years	10
1115	**Victoria Regia,** *Gigantic Water Lily*, the grandest aquatic known. Sow the seed in moist peat and loam, and then place in a tub of heated water. One seed	25
1144	***Zinnia elegans, double.** Described by the Horticultural Society of London as follows: These were the varieties of the well-known Zinnia elegans, in which the centre or disc was transformed into florets, like those of the ray, so as to form rosettes of from two to three inches in diameter, and of various shades of color, embracing purple, rose, light rose, mottled rose, red, orange, and buff. They were for the most part full double, and perfectly regular in form; a good deal resembling in their outline a fine double marigold, but much larger in size. In packets of ten seeds	10

LOOK AT THIS!!

VEGETABLE SEEDS BY MAIL.

By the new Postage Law, we are enabled to send Seeds of all kinds to any of the loyal States, (postage prepaid,) at the rate of one cent per ounce, which amount must be sent in addition to catalogue prices, when Vegetable Seeds are ordered. For price of Flower Seeds by mail, see page 8.

ESTABLISHED 1845.

WASHBURN & CURTIS'S

(LATE BARNES & WASHBURN)

SUPPLEMENTARY CATALOGUE

OF

FLOWER SEEDS

FOR 1863.

THIS IS INTENDED AS A SUPPLEMENT TO OUR

UNABRIDGED CATALOGUE NO. 2, 1862,

Containing an additional list of several hundred varieties, including upwards of one hundred new and rare sorts, now offered for the first time in America.

TO WHICH IS APPENDED

Our New Descriptive Catalogue of Vegetable Seeds,

With General Directions for Cultivation.

PUT UP BY

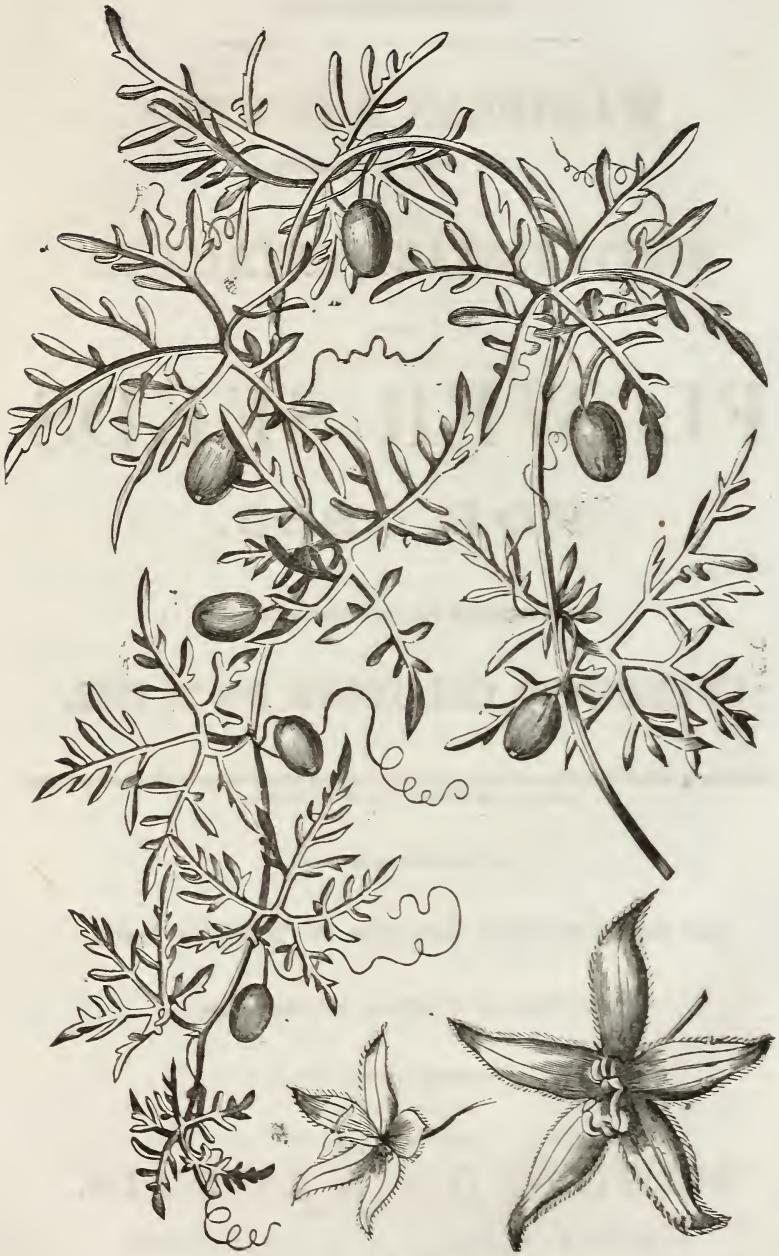
WASHBURN & CURTIS,

(LATE BARNES & WASHBURN)

SEEDSMEN, FLORISTS, AND NURSERYMEN,

HARRISON SQUARE, MASS.,

(FOUR MILES FROM BOSTON.)



ABOBRA VIRIDIFLORA.

For description see page 8.

SPLENDID ASSORTMENTS

OF

FRENCH AND GERMAN FLOWER SEEDS,

In Sealed Packages,

CONTAINING THE COLORS SEPARATE,

Most of which are in the Original Packages, as imported. Saved by the most eminent Continental Growers.

N. B. This List is intended as a complete substitute for pages 9 and 10, Catalogue No. 2. It is, therefore, necessary that all orders for assortments in sealed packages should be made from this List.

ASTERS.

No.		Price.
	Truffaut's New Peony-Flowered Asters.	
	The most popular of all the Asters.	
1297	12 Splendid Varieties, of the most beautiful colors	$1 00
1298	6 " " " " " "	50
	Truffaut's New Peony Perfection Asters.	
1299	8 Splendid Varieties, of the most beautiful colors	1 25
	Truffaut's New Globe Perfection Asters.	
1300	12 Splendid Varieties, of the most beautiful colors	1 25
	Double Quilled Asters.	
1301	12 Splendid Varieties, of the most beautiful colors	75
	Double Globe-Flowering Asters.	
1302	12 Splendid Varieties, of the most beautiful colors	1 00
	Double Dwarf Asters.	
1303	12 Splendid Varieties, of the most beautiful colors	1 00
	Reid's Improved Quilled Asters.	
1304	10 Splendid Varieties, of the most beautiful colors	1 00
	Globe-Flowered Pyramidal Asters.	
1305	12 Splendid Varieties, of the most beautiful colors	1 00
	Dwarf Bouquet Pyramidal Asters.	
1306	12 Splendid Varieties, of the most beautiful colors	1 00
	Peony-Flowered Dwarf Bouquet Pyramidal Asters.	
1307	8 Splendid Varieties, of the most beautiful colors	1 00

No.		Price.
	Dwarf Chrysanthemum-Flowered Asters.	
1308	8 Splendid Varieties, of the most beautiful colors	1 00
	Tall Chrysanthemum-Flowered Asters.	
1309	8 Splendid Varieties, of the most beautiful colors	1 00
	Ranunculus-Flowered Asters.	
1310	6 Splendid Varieties, of the most beautiful colors	50
	Imbriquee Pompone Asters.	
1311	8 Splendid Varieties, of the most beautiful colors	75
	Improved Cocardieu, or Crown-Flowered Asters.	
1312	4 Splendid Varieties, of the most beautiful colors	50
	New Giant Emperor Asters.	
1313	12 Splendid Varieties, of the most beautiful colors	50
	New Pompone Chrysanthemum-Flowered Asters.	
1314	6 Splendid Varieties, of the most beautiful colors	75

BALSAMS.

	Double Camellia-Flowered Balsams.	
1315	12 Splendid Varieties, of the most beautiful colors	1 00
1316	8 " " " " " "	75
	Double Dwarf Balsams.	
1317	12 Splendid Varieties, of the most beautiful colors	1 00
	Double Spotted Rose-Flowered Balsams.	
1318	6 Splendid Varieties, of the most beautiful colors	50
	Improved Double Rose-Flowered Balsams.	
1319	12 Splendid Varieties, unsurpassable in quality. 25 seeds of each	1 00

GERMAN STOCKS.

	Dwarf Early-Flowered Ten-Week Stocks.	
1320	12 Splendid Varieties, of the most beautiful colors	1 00
	Wallflower-Leaved Ten-Week Stocks.	
1321	12 Splendid Varieties, of the most beautiful colors	75
	Large-Flowered Improved Dwarf Ten-Week Stocks.	
1322	12 Splendid Varieties, of the most beautiful colors	1 00
	New Large-Flowered Pyramidal Ten-Week Stocks.	
1323	12 Splendid Varieties, of the most beautiful colors	1 00
1324	6 " " " " " "	50
	Dwarf Pyramidal Ten-Week Stocks.	
1325	8 Splendid Varieties, of the most beautiful colors	75

No.		Price.
	Miniature, or Lilliputian Ten-Week Stocks.	
1326	6 Splendid Varieties, of the most beautiful colors	50
	Dwarf Bouquet Ten-Week Stocks.	
1327	8 Splendid Varieties, of the most beautiful colors	75
	Giant, or Tree Ten-Week Stocks.	
1328	6 Splendid Varieties, of the most beautiful colors	75
	New Rose-Flowered Rocket Autumnal Stocks.	
1329	6 Splendid Varieties, of the most beautiful colors. 25 seeds of each	75
	Autumn-Flowering Stocks.	
1330	12 Splendid Varieties, of the most beautiful colors	1 00
	New Early Autumn-Flowering Stocks.	
1331	6 Splendid Varieties, of the most beautiful colors	75
	Giant Cape Stocks.	
1332	6 Splendid Varieties, of the most beautiful colors	50
	Brompton Stocks.	
1333	12 Splendid Varieties, of the most beautiful colors	1 00
	New Early Large-Flowered Brompton Stocks.	
1334	12 Splendid Varieties, of the most beautiful colors	1 00
	Emperor, or Perpetual Stocks.	
1335	12 Splendid Varieties, of the most beautiful colors	1 00

LARKSPURS.

	Double Dwarf Rocket Larkspur.	
1336	12 Splendid Varieties, of the most beautiful colors	75
	Double Tall Rocket Larkspur.	
1337	8 Splendid Varieties, of the most beautiful colors	50
	Double Branching Larkspur.	
1338	6 Splendid Varieties, of the most beautiful colors	38
	Double Hyacinth-Flowered Larkspur.	
1339	12 Splendid Varieties, of the most beautiful colors	75

PINKS.

	Double Chinese Pinks.	
1340	12 Splendid Varieties, of the most beautiful colors	1 00
	Heddewig's Chinese Pink.	
1341	12 Splendid Varieties, of the most beautiful colors	1 00
	Heddewig's Chinese Pink, Double.	
1342	12 Splendid Varieties, of the most beautiful colors	1 75

No.		Price.
	Chinese Pink, laciniatus.	
1343	12 Splendid Varieties, of the most beautiful colors	1 00
	Chinese Pink, laciniatus, Double.	
1344	12 Splendid Varieties, of the most beautiful colors	1 75
	Carnation Pinks.	
	Very choice, saved only from the finest English Prize varieties.	
1345	12 Splendid Varieties, of the most beautiful colors. 10 seeds of each	2 00
1346	6 " " " " " " " " " "	1 00
	Perpetual, or Tree Carnation Pink.	
	Very choice, saved only from the finest English Prize varieties.	
1347	12 Splendid Varieties, of the most beautiful colors. 10 seeds of each	2 00
1348	6 " " " " " " " " " "	1 00
	Picotee Pinks.	
	Very choice, saved only from the finest English Prize varieties.	
1349	12 Splendid Varieties, of the most beautiful colors. 10 seeds of each	2 00
1350	6 " " " " " " " " " "	1 00
	Perpetual, or Tree Picotee Pinks.	
	Very choice, saved only from the finest English Prize varieties.	
1351	12 Splendid Varieties, of the most beautiful colors. 10 seeds of each	2 00
1352	6 " " " " " " " " " "	1 00

	Sweet Peas.	
1353	6 Varieties, the most distinct colors	25
	Marvel of Peru.	
1354	8 Varieties, the most distinct colors	60
	Ornamental Grasses.	
1355	24 Best Annual Varieties	1 20
1356	12 " " "	60
	Everlasting Flowers.	
1357	24 Varieties, including all the best and most distinct sorts	2 00
1358	12 Varieties, selected from the preceding	1 00
	Double Poppies.	
1359	12 Varieties, the finest and most beautiful colors	75
	Double Sweet Williams.	
1360	20 Superb Varieties	1 50
1361	10 " "	75
	Drummond's Phlox.	
1362	12 Choice Varieties, the finest and most distinct	1 00
1363	6 " " " " " " " "	50
	Petunias.	
1364	12 Varieties, saved from finest named sorts	1 00
1365	6 " " " " " "	50
	Helichrysum macranthemum.	
1366	12 Superb double large-flowered Varieties, the most brilliant colors	1 00
1367	6 Varieties, selected from the preceding	50
	Portulacas.	
1368	10 Varieties, the most distinct colors	75

No.		Price.
	Scabious, Large-Flowered.	
1369	8 Splendid Varieties	60
	Scabious, Dwarf.	
1370	6 Splendid Varieties	50
	Salpiglossis.	
1371	12 Superb Varieties	75
	Double Jacobea.	
1372	10 Choice Varieties	1 00
	Zinnia Elegans.	
1373	8 Varieties, the finest and most distinct	60
	Double Zinnia Elegans.	
1374	12 Finest Varieties of this beautiful new annual	2 00
1375	6 " " " " " "	1 00
	Choicest Double Hollyhocks.	
1376	24 Finest new English and Scottish sorts, saved from prize flowers	2 00
1377	12 Varieties selected from the preceding	1 00
	Morning Glory.	
1378	12 Splendid Varieties	75
	French and African Marigolds.	
1379	12 Varieties, the most distinct, saved only from the finest flowers	90
	Nemophila.	
1380	6 Varieties, finest	30
	Nasturtiums.	
1381	6 Varieties, the finest and most distinct	50
	Snapdragon.	
1382	10 Varieties, the finest and most distinct	75
	Wallflowers.	
1383	6 Varieties, the finest German sorts	50
	Ornamental Gourds.	
1384	30 Varieties, a splendid assortment	2 50
1385	25 " " "	2 00
1386	12 " " "	1 00
	Cockscombs.	
1387	12 Varieties, comprising all the finest German sorts	75
	Choice Climbers.	
1388	25 Varieties of Choice Climbers, for borders	1 50
	Tropæolum Lobbianum.	
1389	12 Varieties, very choice	2 00
1390	6 " " "	1 00
	Chinese Primrose.	
1391	8 Varieties, very rare	1 75
	Ornamental-Foliaged Solanums.	
1392	12 Species, the most beautiful and distinct	1 50
1393	6 Species, selected from the preceding	75

SUPPLEMENTARY LIST FOR 1863.

THE NOVELTIES OF 1862 AND 1863 ARE DISTINGUISHED BY BEING PUT IN THIS KIND OF TYPE.

ABOBRA, *Cucurbitaceæ*. (See Frontispiece.)

A rare and extremely pretty tuberous perennial climbing Cucurbitaceæ, with elegant cut glossy dark green foliage, and small oval vivid scarlet fruits. Suitable for planting out during summer, forming beautiful garlands.

No.		Price.
1394	ABOBRA VIRIDIFLORA, a splendid novelty, very rare.....4 seeds,	50

ACROCLINIUM, *Compositæ*.

Charming everlasting flowers, in the style of Rhodanth, valuable for winter bouquets, flowering freely in any common garden soil. *Hardy annuals.*

1395	**Acroclinium Album,** white, from S. W. Australia, 1 ft.....	10
1396	—— **atro-roseum,** dark rose, from S. W. Australia, 1 ft.....	10
1397	—— **For other varieties,** see Catalogue No. 2, page 11.	

AGAPANTHUS (African Lily), *Hemerocallidaceæ*.

A highly ornamental plant, with large, handsome heads of bloom, very effective for porticos, terraces, gravel walks, or by the side of lakes and ponds. Will not bear hard frosts; may be kept in a cellar during winter.

1398	**Agapanthus umbellatus,** blue, *half-hardy bulb*, 2 ft.....	25

AGERATUM, *Compositæ*.

Valuable plants for large beds or borders, and very useful for pot culture, where cut flowers are in demand. *Hardy annuals.*

1399	**Ageratum alba,** white, 1½ ft.....	10
1400	—— **Dwarf Blue,** sky blue, 1 ft.....	10
1401	—— **Dwarf White,** pure white, 1 ft.....	10
1402	—— **Conspicuum,** snow white, 1½ ft.....	10
1403	—— **Superbum,** dark blue, 1½ ft.....	10
1404	—— **For other varieties,** see Catalogue No. 2, page 11.	

AMARANTHUS, *Amarantaceæ*.

Ornamental foliaged plants, of an extremely graceful and interesting character, producing a striking effect, whether grown for the decoration of the conservatory or out-door flower garden. If the seed be sown early, and planted out the last of May or in June, in rich soil, they make exceedingly handsome specimens for centre of beds, or mixed flower or shrubbery borders. *Half-hardy annuals.*

1405	AMARANTHUS MELANCHOLICUS, new, a beautiful novelty, rivalling with the Perilla nankinensis for groups and edgings, of dwarfer habit than the latter, and of a lively blood-red-colored foliage.....	25
1406	—— **bicolor,** leaves crimson and green, 2 ft.....	5
1407	—— **monstrosus,** very large and showy, 3 ft.....	5
1408	—— **sanguineous,** a fine dark variety.....	10
1409	—— **For other varieties,** see Catalogue No. 2, page 11.	

ASTERS, New Varieties.

Price.

This splendid class of plants is not only one of the most popular, but also one of the most effective of our garden favorites, producing in profusion flowers in which richness and variety of color are combined with the most perfect and beautiful form; it is indispensable in every garden or pleasure-ground where an autumnal display is desired. For flower beds and mixed borders it stands unrivalled. The following are new varieties, now offered for the first time.

1410 ASTER, NEW TWO-COLORED CROWN, rose, with a white centre, 50 seeds, 25

1411 —— DWARF TURBAN, or CHESSBOARD, leaves of dark brown tint, with flowers of a deep rose with white, an interesting species...25 seeds, 25

1412 —— VICTORIA. This beautiful kind forms a new class, allied to the Giant Emperor, but superior to that in habit of plant and form of flower. The plant is very robust, about 1¾ feet in height, bearing itself without assistance of a stick, forming a handsomely-branched compact bush, crowned with from ten to twenty large and smaller flowers, half of them of the size of the largest Giant Emperor Asters, which are of a beautiful globular form, regularly imbricated, of bright rosy carmine color. It has, besides, the great superiority over the Giant Emperor Aster of being perfectly constant in height and fulness of flower, and, in consequence, of great value for bedding.....30 seeds, 50

1413 —— LARGE-FLOWERED DWARF GLOBE PYRAMIDAL, a most valuable new class, with beautiful globular, regularly-formed flowers, as large as Peony Asters, very double. The plant grows about one and three-quarters feet high, well branched, and extremely profuse in flowers. Of great value for bedding. The colors are bright rose, dark purple, light blue, white with rose centre, pure white, and white with lilac; mixed.....25 seeds, 25

1414 —— DWARF LARGE-GROWING PEONY, half the size of the Peony Aster, habit fine pyramidal, flowers splendid, large, and very double, in the way of Peony Perfection; six colors mixed.....30 seeds, 25

1415 —— ROSE-FLOWERED, a new class, of great merit, about two and a half feet high, of robust growth, fine habit, and profuse bloomers. The flowers are as large as Peony Asters, beautifully imbricated, of oval form and very double. In habit, height of plant and form of flower, intermediate between the Tall Chrysanthemum and Peony Perfection Asters, and which will become a favorite class. The colors are carmine, carmine and white, dark blue, deep lilac, deep purple, deep purple and white, bright crimson tipped with white, white tinted blush, crimson and crimson and white; mixed.....50 seeds, 25

1416 —— CHRYSANTHEMOIDES, a dwarf beautiful new species, with light blue flowers, finely cut, neat foliage, about six inches high, very free flowering. A promising species to cross with the double Chinese varieties 25

1417 —— **Globe-Flowered Pyramidal,** finest mixed 10

1418 —— —— —— —— **new coppery purple** 10

1419 —— —— —— —— **new aurora-color**..... 10

1420 —— —— —— —— **new rosy-carmine**..... 10

1421 —— LARGE-FLOWERED BOUQUET, new and splendid, six varieties, mixed..... 10

1422 —— **dwarf Chrysanthemum,** a most beautiful class, about nine inches high, very large flowers, the best for dwarf beds, finest mixed..... 10

1423 —— **tall Chrysanthemum,** finest mixed 10

1424 —— —— —— **la Superbe, rose,** very large..... 10

1425 —— —— —— **la Superbe, light carmine,** very large 10

1426 —— —— —— **la Superbe crimson,** very large 10

1427 —— NEW CHRYSANTHEMUM-FLOWERED POMPONE, a new class, exceedingly beautiful, mixed 10

1428 —— —— —— —— —— **sky blue**..... 10

1429 —— —— —— —— —— **rose, tipped white** 10

1430 —— —— —— —— —— **white**..... 10

For 20 other varieties, including some of the most popular sorts in cultivation, see Catalogue No. 2, page 12.

ASTRAGALUS, *Leguminosæ.*

A showy, beautiful and useful herbaceous plant, succeeding in any common garden soil. *Hardy perennial.*

1431 **Astragalus purpureus,** deep red, a pretty trailer from South of France.. 10

BALSAM, *Balsaminaceæ.*

Price.

Magnificent conservatory or out-door plants, producing their gorgeous masses of beautiful brilliant-colored flowers in the greatest profusion; when grown in pots, and large specimens are desired, they should be shifted into 10 or 12 inch pots, using the richest and freest compost at command, and liberally supplied with manure water; for out-door decoration, the soil should be of the richest possible character.

1432 BALSAM, IMPROVED ROSE-FLOWERED, flowers large, beautifully formed, and extra double; mixed 25

1433 —— **For other varieties,** see Catalogue No. 2, page 13.

BEGONIA, *Begoniaceæ.*

A magnificent genus of ornamental greenhouse plants, as remarkable for the varied and beautiful foliage of many of its varieties as for the splendor and profusion of the flowers of others. Should be grown in sandy peat and loam.

1434 Begonia, mixed, several of the most choice sorts mixed..... 25

BIGNONIA, *Bignoniaceæ.*

A highly-ornamental greenhouse climber, producing its gorgeous flowers in panicles, and in the greatest profusion.

1435 Bignonia Tweediana, yellow, half-hardy shrub..... 25

BOCCONIA FRUTESCENS.

BOCCONIA.

A new and beautiful foliaged greenhouse plant, and one of the rarest plants yet introduced for the decoration of beds and lawns in summer.

1436 BOCCONIA FRUTESCENS, a splendid novelty; very rare .....4 seeds, 50

BOSSIÆA, *Leguminosæ.*

Handsome, free flowering and beautiful genus of greenhouse plants. Succeeds best in a compost of turf, loam and peat.

1437 Bossiæa biloba, 3 feet high, from New Holland..... 25

1438 —— **linophylla,** orange, 3 feet high..... 25

CALCEOLARIA, *Scrophulariaceæ.*

Plants of a highly decorative character; an indispensable ornament for the drawing-room or conservatory. The shrubby variety is sometimes grown for in-door and sometimes for out-of-door decoration. They succeed in any light, rich soil. *Half-hardy perennials.*

No. Price.

1439 **Calceolaria, Extra Fine Spotted and Striped,** saved only from the finest prize flowers 50

1440 —— NEW DWARF, from 8 to 12 inches high; very beautiful..... 50

1441 —— NEW EARLY-FLOWERED DWARF SELVES, splendid..... 50

1442 —— **Large-Flowered Shrubby,** saved from new large flowered; splendid colors 50

1443 —— **rugosa tigrina,** new spotted shrubby Calceolarias, in great variety, 50

Other varieties, see Catalogue No. 2, page 37.

CALENDULA (Cape Marigold), *Compositæ.*

A very showy free-flowering genus of plants, producing a pretty effect in beds or mixed borders, and growing freely in almost any soil. *Hardy annuals.*

1444 **Calendula hybrida,** white, 1 foot..... 5

1445 —— **pluvialis,** white, large flowers, 1 foot..... 5

1446 —— PONGEI, fl. pl., double white, fine, 1 foot..... 10

1447 —— **ranunculoides,** ranunculus-flowered..... 5

1448 —— OFFICINALIS SUPERBA, new variety of pot marigold, golden orange, with black eye beautifully imbricated; fine 25

1449 —— —— SULPHUREA, new sulphur-colored pot marigold; very double and beautiful..... 25

CALLIRHŒ, *Malvaceæ.*

Beautiful free-flowering plants, continuing in bloom throughout the summer and autumn months. C. pedata nana makes a very excellent bedding plant. *Hardy annuals.*

1450 **Callirhœ pedata,** beautiful (See Catalogue No. 2, page 41).

1451 —— PEDATA NANA, dwarf, flowers rich violet crimson, with white eye, 1 foot 10

CASSIA, *Leguminosæ.*

A genus of highly ornamental and exceedingly useful free-flowering shrubs, for conservatory or greenhouse decoration; growing freely out of doors during the summer months; succeeding best in a mixture of loam and peat. *Greenhouse shrubs.*

1452 **Cassia falcata superba,** yellow, from Buenos Ayres, 3 feet..... 25

1453 —— **grandiflora,** yellow, flowering profusely during autumn and winter, from China, 4 feet..... 25

1454 —— **lavigata,** sulphur-color, distinct, from India, 4 feet..... 25

1455 —— **marylandica,** yellow, from North America, 4 feet..... 25

CELOSIA, *Amarantaceæ.*

(See engraving, page 12.)

Magnificent free-flowering, graceful-growing plants, producing in the greatest profusion spikes of the most beautiful feathery-looking flowers (*see engraving, which represents a side-shoot of aurea pyramidalis*). C. argentea, however, produces its flowers in spikes like a Gomphrena (*Globe Amaranthus*), but much longer, and if gathered when young they are valuable for winter bouquets. Plants of the Celosia flower freely if planted out in June in a warm, sheltered situation; grown in pots, they are the most elegant of greenhouse and conservatory plants, where, with a little management, they may be had in flower the whole winter, growing freely in rich loamy soil. *Half-hardy annuals.*

1456 **Celosia argentea,** silvery white, shaded with bright rose, very handsome, 3 feet 10

1457 AUREA PYRAMIDALIS (see cut, p. 12), magnificent golden-feathered plant, can be most strongly recommended, 3 ft..... 25

1458 —— COCCINEA PYRAMIDALIS, rich crimson, of the same elegant habit as the preceding, differing only in color, 3 ft..... 25

1459 —— **For other varieties,** see Cockscombs, Catalogue No. 2, page 16.

CENTRANTHUS, *Valerianaceæ.*

Very pretty free-flowering, compact-growing plants; very effective in beds, ribbons, or as an edging; grows freely in any garden soil. *Hardy annuals.*

No.		Price.
1460	CENTRANTHUS MACROSIPHON NANUS CARNEUS, flesh color, ¾ ft.	10
1461	—— —— **roseus,** bright rose, fine, ¾ ft.	10
1462	**For other varieties,** see Catalogue No. 2, page 15.	

CELOSIA AUREA PYRAMIDALIS.—*For Description see p. 11.*

CESTRUM, *Solanaceæ.*

A genus of handsome plants for conservatory or greenhouse decoration; covered during the months of November and December with a profusion of beautiful tube-shaped blossoms; grows freely in rich loam and peat. *Greenhouse shrub.*

1463	**Cestrum auranticum,** bright orange, very pretty, from Guatemala, 3 ft.	25
1464	—— **Parquii,** pale yellow, from Chili, 3 ft.	25

CHINESE PRIMROSE, *Primulaceæ.*

A charming profuse-flowering plant, indispensable for winter and spring decoration; universal favorites. Succeeds best in sandy loam and leaf mould.

1465	**Chinese Primrose, Rose-Striped,** bright rose-striped, ¾ ft.	50

No.		Price.
1466	**Chinese Primrose, Fringed-Striped,** white, striped with red, ¾ ft.....	50
1467	—— —— FIMBRIATA KERMESINA SPLENDENS, new and rare, ¾ ft.. ..	50
1468	—— —— ERECTA SUPERBA, a fine, new, erect growing variety, with bright rose-colored flowers, ¾ ft.....20 seeds,	50
1469	—— —— —— FIMBRIATA, habit and color like the preceding, with fringed flowers .....10 seeds,	50
1470	—— **For other varieties,** see Catalogue No. 2, page 37.	

CHLORA, *Gentianæ.*

A novelty of considerable promise, with glossy, oblong, handsome foliage, and a profusion of bright yellow flowers. *Half-hardy annual.*

1471	CHLORA GRANDIFLORA, a new annual, highly recommended, 1¼ ft.	25

CHÆNOSTOMA, *Scrophulariaceæ.*

Neat, compact little plants; pretty for edgings, rustic or rock work. *Half-hardy annuals.*

1472	**Chænostoma fastigiatum,** rose color, from Cape Good Hope, ¾ ft.....	5
1473	—— **polyanthum,** lilac, from Cape of Good Hope, ½ ft.....	5

CHÆNESTES, *Solanaceæ.*

A beautiful greenhouse shrub, with handsome foliage and very showy tube-shaped flowers. It does well planted out against a wall in summer.

1474	**Chænestes lanceolata,** bright scarlet, from Quindiu, 5 ft.....	25

CINERARIAS, *Compositæ.*

A well-known favorite free-flowering plant, which may be had in splendid bloom through the greater portion of the year; and, from the richness and diversity of its colors, is one of the most valuable of our early spring flowers. Succeeds best in a light, rich, free and open soil. *Half-hardy perennial.*

1475	**Cinerarias, fine mixed,** 1½ ft.....	25
1476	—— **Extra fine mixed,** saved from the choicest named flowers, 1¼ ft....	50
1477	—— NEW DWARF, saved from the finest named flowers	25
1478	—— **maritima,** silvery foliage, beautifully cut, an admirable bedding plant, and forms a fine contrast to Perilla nankinensis, 1½ ft.....	10

CLEMATIS, *Ranunculaceæ.*

A handsome class of climbers; very desirable for growing against a wall or trellis. Seeds of this tribe require some time to germinate. *Hardy perennials.*

1479	**Clematis flamula,** white, very fragrant, 25 ft..... ...	25
1480	—— **paniculata,** white, 10 feet.....	10
1481	—— CIRRHOSA, a new variety, perfectly hardy, a very rapid climber, literally covering itself with large bunches of white sweet-scented flowers, 25 ft.....	25

CLIANTHUS, *Leguminosæ.*

A genus of magnificent free-flowering greenhouse shrubs, with elegant foliage and brilliantly-colored, singularly-shaped flowers, which are produced in clusters, and have a splendid effect. C. magnificus and C. puniceus blossom freely out of doors in summer, against a trellis or south wall; C. Dampierii succeeds best planted in the border of a greenhouse, and is one of the most magnificent plants of recent introduction; seeds sown in spring flower the first year; succeeds best in sandy peat and loam. *Greenhouse shrubs.*

1482	**Clianthus Dampierii,** brilliant scarlet, with intense black spot in the centre of the flower. One of the most magnificent flowers in cultivation.....6 seeds,	1 00
1483	—— **For other varieties,** see Catalogue No. 2, page 37	

CLITORIA, *Leguminosæ.*

Splendid free-flowering greenhouse climbers, with large, elegant pea-shaped flowers, of great beauty, particularly adapted and very effective for training on trellis-work,

Price.

wire globes, or any of the numerous contrivances on which plants of this character may be grown for greenhouse or conservatory decoration. Though perennials they bloom the first year.

1484 **Clitoria cœlestis,** sky blue, from East Indies 10
1485 —— **gesnatia,** pale blue shaded with white, from East Indies 25
1486 —— —— **atro-cœrulea** (New), dark blue, from East Indies 25
1487 —— **Ternatea,** blue and white, from East Indies 25
1488 —— —— **alba,** white, from East Indies 25
1489 —— —— **grandiflora,** new large-flowered white 50
1490 —— —— **atro-cœrulea,** dark blue, from East Indies 25

COCCINIA, *Cucurbitaceæ.*

A new and extremely neat-foliaged perennial climber, with pure white flowers and small red fruits. An elegant climber for planting out against a wall or for covering trellis-work, forming beautiful festoons.

1491 COCCINIA INDICA, a novelty, very rare ..... 4 seeds, 50

COLUMBINE (Aquilegia), *Ranunculaceæ.*

An extremely showy and ornamental genus of early summer-flowering plants, combining the most curious forms with the most beautiful and striking colors. All the varieties succeed in any common garden soil.

1492 COLUMBINE GLANDULOSA GIGANTEA, an elegant new variety, with large showy flowers. Rare ..... 10 seeds, 25
1493 —— **For other varieties,** see Catalogue No. 2, page 16.

CONOCLINIUM, *Compositæ.*

A greenhouse evergreen shrub, with beautiful large clusters of Ageratum-like flowers; succeeds best in a light rich soil.

1494 **Conoclinium janthinum,** pale blue, very handsome, from Brazil, 2 ft.... 25

CALLIOPSIS, or COREOPSIS, *Compositæ.*

This genus is amongst the most showy, free-flowering, and beautiful of hardy annuals; the tall varieties are very effective in mixed borders and fronts of shrubberies, while the dwarf kinds, from their close, compact habit of growth, make fine bedding plants, and are valuable for edgings, while the different varieties make very pretty ribbons. *Hardy annuals.*

1495 COREOPSIS CARDAMINEFOLIA HYBRIDA ATROSANGUINEA, blood red, splendid for bedding, ¾ ft. 10
1496 —— **For other varieties,** see Catalogue No. 2, page 16.

CUPHEA, *Lythraceæ.*

A highly ornamental and exceedingly beautiful genus of profuse-blooming plants, equally valuable for the ornamentation of the flower house, drawing-room and flower garden. If sown early they can be used for bedding plants the first year.

1497 CUPHEA ZIMAPANI, a new variety, with large violet red flowers, 2 ft.... 25
1498 —— GALEOTTIANA, a new species, with flowers nearly black. Remarkable ..... 10 seeds, 25
1499 —— **For other varieties,** see Catalogue No. 2, page 17.

CYCLANTHERA, *Cucurbitaceæ.*

Curious bird-shaped gourds, of a very ornamental character; rapid climbers; thrives in any rich soil in a warm situation. Very desirable for covering arbors, trellis work, etc. *Half-hardy annuals.*

1500 CYCLANTHERA EXPLODENS, an elegant new climber, as hardy and as fast grower as the C. pedata, with handsome foliage, and pretty oval-shaped fruits, exploding with a loud noise when ripe, and thus distributing their seeds 25
—— **pedata,** see Catalogue No. 2, page 17.

Price.

CYCLAMEN, *Primulaceæ.*

A genus of the most elegant greenhouse plants, blooming elegantly in the winter and spring months; universally admired; growing freely in sandy loam. *Greenhouse perennials.*

1501 **Cyclamen Africanum** (*macrophyllum*), white and rose, fine foliage; from Africa, ¾ ft. 25
1502 —— **hederæfolium,** exceedingly pretty, from Britain, ½ ft. 25
1503 —— **Persicum,** white and pink, a charming sweet-scented variety, from Cyprus, ½ ft. 25
1504 —— **vernum,** a splendid variety 25
1505 —— **the above varieties, mixed,** 25

CYTISUS, *Leguminoseæ.*

An extremely useful free-flowering, ornamental tribe of shrubs, equally valuable for the decoration of the conservatory, drawing-room and flower garden; succeeding in any ordinary soil. *Greenhouse shrubs.*

1506 **Cytisus attleyanus,** a splendid shrub 25
1507 —— **ramosissimus superbus,** beautiful yellow, from Spain 50

DAUBENTONIA, *Leguminoseæ.*

Very handsome, free-flowering elegant greenhouse shrubs, succeeding in sandy loam.

1508 **Daubentonia punicea,** vermilion, from Spain, 4 ft. 50
1509 —— **tripetiana,** scarlet, from Buenos Ayres, 3 ft. 25

DIANTHUS, *Caryophyllaceæ.*

A magnificent genus, which embraces some of the most popular flowers in cultivation. The Carnation, Picotee, Pink, and Sweet Williams, all "household words," belong to this genus. The Chinese varieties may be considered the most beautiful and effective of our hardy annuals; the double and single varieties, with their rich and varied colors, in beds or masses, are remarkably attractive; while the recently introduced species D. Heddewigii and D. Laciniatus, with their large and rich-colored flowers, three to four inches in diameter, close, compact habit, and profusion of bloom, are unsurpassed for effectiveness in beds and mixed borders.

1510 DIANTHUS CHINENSIY COMPACTUY ATROPURPUREO, a splendid double dark crimson variety 25
1511 —— HEDDEWIGII HYBRIDUS PLENISSIMUS, grows 1 foot high, with habit similar to that of Imperialis. The flowers as Heddewigii, of the colors both double and single, and continue the whole season in bloom, 25
1512 —— —— LACINIATUS CARYOPHYLLUS HYBRIDUS, most beautiful new varieties 25
1513 —— **For 28 other varieties,** see Pinks, Catalogue No. 2, page 29.

DIDYMOCARPUS, *Cyrtandraceæ.*

Exceeding pretty greenhouse plant, flowering in bunches; succeeding best in light peaty soil.

1514 **Didymocarpus Humboldtianus,** blue, very pretty 50

ERYTHRINA, *Leguminoseæ.*

A magnificent genus of half-hardy shrubs, with fine leaves and beautiful, brilliant scarlet flowers, borne on spikes from one to one and a half feet long. They may be taken up in the fall, and kept in perfect preservation during the winter, in a dry cellar, the roots covered with half dry earth; when taken up the branches should be well cut back, say to within four inches of the previous year's growth. Plant them out in May, and they will flower beautifully three or four times in the course of the summer.

1515 **Erythrina corallodendron** (Coral Tree), scarlet, from W. Indies, 10 ft. 25
1516 —— **Hendersonii,** scarlet, 4 ft. 50
1517 —— **Laurifolia,** scarlet, from South America, 4 ft. 25
1518 —— **crista galli,** scarlet, from Brazil, 10 ft. 25

Price.

FABIANA, *Solanaceæ.*

A handsome erica-like greenhouse shrub, a profuse bloomer, and of the easiest culture; thrives best in sandy peat.

1519 **Fabiana imbricata,** white, from Chili, 2 ft. 25

FEVERFEU (Pyrethrum), *Compositæ.*

Handsome, free-flowering, highly ornamental plants, producing a fine effect in the mixed flower and shrubbery borders. Succeeds in any rich soil.

1520 **Feverfeu, Double White,** a beautiful bedding plant, blooming all the season; *half-hardy*, 1 ft. 10

1521 —— **For other varieties,** see Pyrethrum, Catalogue No. 2, page 30.

GAILLARDIA, *Compositæ.*

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers; continuing in beauty during summer and autumn; thriving in any garden soil. *Hardy annual.*

1522 GAILLARDIA GRANDIFLORA VERA, a splendid new variety 10

1523 —— **For several other varieties,** see Catalogue No. 2, page 19.

GARDOQUIA, *Labiatæ.*

A pretty dwarf-growing plant, continuing in bloom for several months; well worth cultivating on account of its large showy flowers. *Hardy perennial.*

1524 **Gardoquia betonicoides,** pink, from Mexico, 3 ft. 10

GNAPHALIUM, *Compositæ.*

Fine everlasting flowers, useful for making dry bouquets; will grow in any common garden soil. *Half-hardy annual.*

1525 **Gnaphalium fœtidum,** yellow, 2 ft. 10

GODETIA, *Onagraceæ.*

A very desirable, free-flowering genus, particularly attractive in beds, mixed borders, and ribbons; grows freely in any common garden soil. *Hardy annual.*

1526 GODETIA SPECIES NOVA, FROM MEXICO, a most beautiful dwarf species, with neat trailing branches, curved upwards, clothed with handsome dark green foliage, and covered with extremely pretty cup-shaped flowers, of a bright carmine rose-color 25

1527 **For other varieties,** see Catalogue No. 2, page 20.

HARDENBERGIA, *Leguminosæ.*

A very pretty and ornamental greenhouse climber, producing a profusion of splendid pea-shaped flowers, especially suited for pillars, rafters, or wire globes; succeeds best in peat and loam. *Greenhouse shrub.*

1528 **Hardenbergia comptoniana,** 20 ft. 25

1529 —— **Lindleyana,** blue, from Swan River, 20 ft. 25

1530 —— **digitata,** purple, from Swan River, 20 ft. 25

1531 —— **lucida,** dark violet, 20 ft. 25

1532 —— **Makoyana,** blue, from Swan River, 20 ft. 25

HELIOPHILA, *Cruciferæ.*

Very useful pretty little plants for small beds or edgings, flowering very profusely, and remaining a long time in beauty; thrives in any light rich soil. *Half-hardy annuals.*

1533 HELIOPHILA TRIFIDA ROSEA, a fine rose-colored variety of this pretty species 10

1534 —— **For other varieties,** see Catalogue No. 2, page 21.

No. Price.

HIBISCUS, *Malvaceæ.*

One of the most beautiful, ornamental and showy tribe of greenhouse shrubs.

1535 **Hibiscus Cameronii,** striped rose, from Madagascar, 4 ft..... 25
1536 —— **coccineus speciosus,** scarlet, superb, 3 ft..... 25
1537 —— **Harrisonii,** yellow..... 50
1538 —— **Liliflorus,** scarlet, lilyflowered, from East Indies, 3 ft..... 50
1539 —— **giganteus,** violet and white, from Cape Good Hope 50
1540 —— MUTABILIS FL. PLENO, a splendid new double-flowered variety, very free bloomer, also suitable for planting out 50
1541 —— TRICOLOR, a new shrubby species, from Japan..... 50

HYDROLEA, *Hydrolaceæ.*

An exceedingly handsome greenhouse herbaceous plant, producing its pretty flowers in bunches; succeeds well in loam and peat.

1542 **Hydrolea azurea,** dark blue, from South America, 1 ft..... 25

HYPERICUM, *Hypericaceæ.*

Very interesting and ornamental greenhouse shrubs, requiring only the usual greenhouse treatment.

1543 **Hypericum involutum,** yellow, from New South Wales, 3 ft..... 25
1544 —— WEBBII, a splendid new variety, with beautiful large foliage, 3 ft..... 50

INCARVILLEA, *Bignonaceæ.*

Elegant free-flowering climbers, of graceful habit; succeeds best in loam and peat. *Greenhouse climber.*

1545 **Incarvillea sinensis,** white trumpet flowers, shaded with rose, from China, 20 ft..... 25
1546 —— GRANDIFLORA, new, a very distinct and pretty dark-colored species, 50

IPOMEA (Morning Glory), *Convolvulaceæ.*

A genus of beautiful climbing plants, which, for the adornment of the conservatory and greenhouse, or for warm, sheltered situations out of doors, are pre-eminently beautiful, many of them combining marvellously brilliant colors with pure white margins, and varying in shade from the most intense violet blue to the most delicate cerulean. All the varieties are splendid, and should be extensively cultivated. The perennial species are invaluable for greenhouse decoration.

1547 **Ipomea Sellowii,** scarlet, from East Indies, *greenhouse perennial,* 15 ft. ... 25
1548 —— **Learii** (true), splendid lazuli blue, changing to red, from Ceylon, *greenhouse perennial,* 15 ft..... 50
1549 —— **Tuberosa,** pale yellow, from West Indies, *greenhouse perennial,* 15 ft.. 25
1550 —— **Willdenovii,** purple, from East Indies, *greenhouse perennial,* 10 ft..... 10
1551 —— **Mexicana grandiflora,** a fine variety for garden culture, *hardy annual,* 20 ft..... 25
1552 —— —— —— **alba,** a white variety of the preceding, *hardy annual,* 20 ft.... 25
1553 —— **For 13 other choice varieties,** see Catalogue No. 2, page 22.

JACOBEA (Senecio), *Compositæ.*

A useful and exceedingly showy class of gay-colored profuse-blooming plants, of the easiest culture; remarkably effective in beds or ribbons; delights in a light, rich soil. *Hardy annuals.*

1554 **Jacobea, double purple,** 1 ft..... 5
1555 —— —— **dark crimson,** 1 ft..... 5
1556 —— —— **flesh-color,** 1 ft..... 5
1557 —— —— **lilac,** 1 ft..... 5
1558 —— —— **copper-color,** 1 ft..... 10
1559 —— **The above varieties, mixed**..... 10
1560 —— DOUBLE DWARF BLUE, a new variety, six inches high, compact in habit, and a most profuse bloomer; a valuable acquisition to our list of bedding plants 25

No. Price.

LAGERSTRÆMIA, *Lythraceæ.*

A splendid greenhouse shrub, with exceedingly handsome flowers.

1561 **Lagerstræmia indica,** lilac, from East Indies, 5 ft..... 25
1562 —— **Barclayana** 50
1563 —— **rosea** 50

LOPHOSPERMUM, *Scrophulariaceæ.*

An elegant and highly ornamental genus of climbers, with handsome and showy foxglove-like flowers; very effective for conservatory, greenhouse, or garden decoration, and may be used with advantage for hanging baskets; will bloom the first season from seed. *Half-hardy perennials.*

1564 **Lophospermum coccineum,** red 25
1565 —— **Hendersonii,** rose..... 25
1566 —— **scandens,** purple..... 10
1567 —— —— **Cliftoni,** dark rose..... 25
1568 —— PUNCTATUM, a splendid new spotted variety.....20 seeds, 25
1569 —— **The above varieties, mixed** 25

LOPEZIA, *Onagraceæ.*

A superb greenhouse plant, flowering in beautiful bunches during the winter.

1570 **Lopezia miniata,** deep peach, from Mexico, 2 ft..... 50

MAGYDARIS, *Umbelliferæ.*

A beautiful ornamental-foliaged plant, with immense heads of showy yellow flowers.

1571 **Magydaris tomentosa,** yellow, from Algeria..... 10

MAURANDYA, *Scrophulariaceæ.*

The most graceful and free-flowering of soft-wooded climbers, whether for the ornamentation of the conservatory and greenhouse, or for pillars, trellis-work and verandas in the flower garden; the effect produced by the profusion of elegant and varied colored flowers is strikingly beautiful. Blooms the first season from seed. *Half-hardy perennial.*

1572 MAURANDYA SEMPERFLORENS CARMINEA, a new variety, with brilliant red flowers 25

1573 **For other varieties,** see Catalogue No. 2, page 25.

MELALEUCA, *Myrtaceæ.*

A genus of very desirable greenhouse or conservatory plants, remarkable for the neatness of their foliage, and the beauty of their flowers, which are produced on gracefully drooping branches.

1574 **Melaleuca hypericifolia,** scarlet, from New South Wales..... 25
1575 —— **myrtifolia**..... 25

MELIA, *Melaceæ.*

A very ornamental tree, continuing in bloom the whole summer; thrives best in peat, loam, and sand.

1576 **Melia Azederach,** blue, from Syria, 30 ft. 25

METROSIDEROS, *Myrtacea.*

A splendid greenhouse shrub, with beautiful bottle brush-like flowers; succeeds in peat and loam.

1577 **Metrosideros,** red, from New Holland, 10 ft..... 50

No. Price.

MICROPUS.

A new everlasting flower, of much promise. *Half-hardy annual.*

1578 MICROPUS SUPINUS, an interesting novelty..... 25

MIMULUS (Monkey Flower), *Scrophulariaceæ.*

A genus of extremely handsome, profuse-flowering plants, with singularly shaped and brilliantly colored flowers, which are distinguished by their rich and strikingly beautiful markings. Seed sown in spring makes fine bedding plants for summer blooming, while seed sown in autumn produces very effective early-flowering greenhouse plants. *Half-hardy perennials.*

1579 MIMULUS CUPREUS, a new species, six or eight inches high, with handsome glossy foliage, and large finely formed orange-scarlet flowers; very free-flowering; valuable for borders and beds..... 25
1580 —— **rubiginosus,** black spotted, very fine large-flowered..... 25
1581 —— **rubiginosus blandus,** pale yellow, with dark blotches, fine..... 25
1582 —— **rivularis,** pure yellow..... 10
1583 —— **quinquevulnerus,** mixed..... 10
1584 —— **quinquevulnerus, white,** new..... 25
1585 —— **new large-flowered, spotted,** splendid mixed..... 25
1586 —— **For other varieties,** see Catalogue No. 2, page 26.

NEMOPHILA, *Hydrophyllaceæ.*

This is, perhaps, the most charming and generally useful genus of dwarf-growing hardy annuals; all the varieties have a neat, compact and uniform habit of growth, with shades and colors the most strikingly beautiful, so that ribboned, sown in circles, or arranged in any style which the fancy may suggest, the effect is pleasing and very striking. They are also very useful for pot culture.

1587 NEMOPHILA ATOMARIA OCULATA, light blue, with white and large black eye; conspicuous and fine..... 10
1588 —— MACULATA FOLIIS VARIEGATIS, leaves beautifully variegated... 10
1589 —— **For other varieties,** see Catalogue No. 2, page 27.

NICOTIANA (Tobacco Plant), *Solanaceæ.*

These are strong growing, fine foliaged plants; they are very effective for large shrubbery borders, and the leaves of some varieties are valuable for fumigating purposes. *Tender annuals.*

1590 **Nicotiana glauca,** yellow, native of America..... 10
1591 —— **glutinosa,** scarlet, from Peru, 3 ft..... 10
1592 —— VINCÆFLORA, white, very pretty, from South America, 2 ft..... 25

NYMPHÆA, *Nymphaceæ.*

Beautiful hardy aquatics, thriving in rich loamy soil at the bottom of ponds or lakes.

1593 **Nymphæa alba,** white, a magnificent variety, from England, 3 ft..... 50

PANSY, or HEARTSEASE, *Violaceæ.*

An indispensable and charming class of plants for the ornamentation of the spring garden; extremely effective, whether used for bedding, edging or ribboning. Seed sown in early spring will bloom during the autumn months; for spring blooming, the seed should be sown in August or September. The following is the finest collection ever offered in this country; the seeds have been collected from several of the most eminent growers in Europe.

1594 **Pansy, pure white**..... 25
1595 —— **golden yellow**..... 25
1596 —— **dark blue**..... 25
1597 —— **light blue**..... 25

No.		Price.
1598	**Pansy, fancy bronze-colored**	25
1599	—— **striped fancy,** extra fine	50
1600	—— **rose marbled,** very beautiful	50
1601	—— **violet, white margined**	25
1602	—— **auricula-flowered,** beautiful	25
1603	—— **pure black,** fine for bedding	25
1604	—— NEW SLATE-BLUE, a most beautiful color, quite constant, a noble bedding variety	25
1605	—— **mixed, extra choice,** all the above varieties included	50
1606	—— **mixed,** choice German	25
1607	—— **mixed,** choice French	25
1608	—— **mixed,** choice English	10
1609	—— **mixed,** good	5
1610	—— PURPUREA, velvety crimson-purple, in great variety of shades, of first class form and size; a magnificent new class, of quite distinct and most brilliant, showy colors	50
1611	—— PICTURATA, golden bronze-colored, mottled and shaded with velvety brown; a great improvement on the old bronze-colored class, of first class size, form, and substance of flower and brilliancy of color	50
1612	—— MARGINATA PERFECTA, new improved white margined Pansies, purplish crimson in brilliant shades, with yellow eye and broad white margin; first class in size, form and substance; extremely showy	50
1613	—— **mixed,** Nos. 1610, 1611 and 1612 mixed	50

The above three varieties, Nos. 1610, 1611 and 1612, are the result of many years' careful selection and hybridizing, by an eminent Prussian florist.

PANCRATIUM, *Amaryllidaceæ.*

An exceedingly ornamental genus of hardy bulbs, producing splendid spikes of handsome flowers; succeeds best in light, sandy loam mixed with vegetable mould. *Greenhouse bulbs.*

1614	**Pancratium illyricum,** white, from South Europe, 1 ft.	25
1615	—— **maritimum,** white, deliciously fragrant, from South Europe, 2 ft.	25

PAULOWNIA, *Scrophulariaceæ.*

A noble, hardy tree, bearing panicles of dark lilac flowers, resembling those of the Gloxinia; thrives in any good soil.

1616	**Paulownia imperialis,** blue, from Japan, 20 ft.	25

PETUNIA, *Solanaceæ.*

A highly ornamental and profuse-flowering, easily cultivated garden favorite, equally effective and beautiful whether grown in pots, for the decoration of the greenhouse and sitting-room window, or planted out in beds or mixed borders. The brilliancy and variety of its colors, combined with the duration of its blooming period, renders it invaluable. Seed sown in spring makes fine bedding plants for summer and autumn display; succeeds in any rich soil. *Half-hardy perennials.*

1617	**Petunia Inimitable,** red margined, and blotched with pure white	25
1618	—— **Countess of Ellesmere,** deep rose, with white throat	25
1619	—— **Inimitable,** fecundated with double sorts ....30 seeds,	25
1620	—— **large-flowered striped,** fecundated with double sorts....30 seeds,	25
1621	—— **spotted,** fecundated with double sorts ....30 seeds,	25
1622	—— **double mixed,** Nos. 1619, 1620 and 1621 mixed. These are fecundated with great care, and are sure to produce a large percentage of double flowers ....30 seeds,	25
1623	—— **For other varieties,** see Catalogue No. 2, page 28.	

PHLOX DRUMMONDII, *Polemoniaceæ.*

This magnificent genus of plants is unrivalled for richness and brilliancy of colors, profusion and duration of blooming. They are unsurpassed for bedding or pot culture, and produce a splendid effect in mixed borders. No garden should be without these beautiful plants. Succeeds best in light, rich soil. *Hardy annuals.*

No. Price.

1624 PHLOX DRUMMONDI COCCINEA STRIATA, scarlet, striped with white 25
1625 —— —— VIOLACEA STRIATA, fine purple, striped with white..... 10
1626 —— —— VARIBILIS, dark blue marbled 10
1627 —— **For other varieties,** see Catalogue No. 2, page 29.

PITTOSPORUM, *Pittosporaceæ.*

A handsome genus of exceedingly ornamental shrubs; thrives in peat and loam. *Greenhouse shrubs.*

1628 **Pittosporum undulatum,** white and yellow, from N. South Wales, 3 ft. 25
1629 —— **pendulum,** from New South Wales, 3 ft..... 25

PODOLEPIS, *Compositæ.*

A genus of pretty, graceful, free-flowering plants, succeeding best in a light, rich soil, and producing a fine effect in beds or mixed borders. *Half-hardy annuals.*

1630 **Podolepis Chrysantha,** yellow, from New South Wales, 1 ft..... 5
1631 —— **gracilis,** pink, from New South Wales, 1 ft..... 5
1632 —— —— **alba,** white, from New South Wales, 1 ft..... 5
1633 —— AFFINIS, yellow, new variety, the largest flowering kind..... 10

POINCIANA, *Leguminosæ.*

A very elegant and ornamental genus of greenhouse shrubs, requiring a good, rich soil.

1634 **Poinciana Gilliesii,** yellow, from South America, 10 ft..... 10
1635 —— **pulcherrima,** orange, from East Indies, 10 ft..... 25
1636 —— **regia,** crimson, from Madagascar, 10 ft..... 50

POLYGALA, *Polygalaceæ.*

A very handsome genus of greenhouse evergreen shrubs, which may be grown out of doors in summer; thrives best in peat and loam.

1637 **Polygala speciosa,** purple, from Cape of Good Hope, 6 ft..... 25
1638 —— **Dalmasiana,** purple, from Cape of Good Hope..... 25
1639 —— **latifolia,** rose, from Cape of Good Hope, 3 ft..... 25
1640 —— **myrtifolia,** purple, from Cape of Good Hope, 3 ft..... 25
1641 —— **cardata**..... 25
1642 —— **grandis**..... 25

PORTULACA, *Portulaceæ.*

For brilliant, beautiful, and delicate colors, this charming genus stands unrivalled, and whether in baskets, small beds, edgings, or rockwork, its large splendid flowers, which are produced in the greatest profusion, are extremely effective. Succeeds best in light, rich soil. Should be transplanted or thinned to eight inches apart. *Hardy annuals.*

1643 PORTULACA BLENSONI, vermilion, fine..... 10
1644 —— GRANDIFLORA, DOUBLE, saved from double-flowering plants, reproducing 50 per cent. of double-flowering plants, in white, rose, sulphur, golden, orange, crimson, scarlet, blood-red, purple, etc., as large and double as Rosa dijonensis flowers .....10 seeds, 50
1645 —— **For all the older varieties,** see Catalogue No. 2, page 30.

PRIONIUM.

The rare Silver Grass-Tree, in appearance and habit of growth like a Pandanus.

1646 **Prionium Palmita,** rare and beautiful..... 50

Price.

PUNICA, *Myrtaceæ.*

Certainly amongst the handsomest of shrubs. Under the shelter of a south wall, they flower profusely throughout the summer. Succeeds best in strong, rich loam. *Half-hardy shrubs.*

1647 Punica granatum (Pomegranate), waxy scarlet, from South of Europe... 25

RHODANTHE MACULATA. For full size of flower see cut, page 23.

RHODANTHE, *Compositæ.*

Charming everlasting flowers, of great beauty, equally valuable for the decoration of the conservatory and flower garden; its neat, compact growth makes it a suitable plant for bedding or ribboning, while its bright-colored flowers, elegant style of growth and profuse blooming, render it an object of universal admiration. The flowers, if gathered when young, make valuable winter bouquets. Succeeds best in a light, rich soil, and a warm, sheltered situation. *Half-hardy annuals.*

1648 Rhodanth Manglesii, bright rose, with silver calyx, from Swan River, 1 ft. 10

1649 —— MACULATA. (See cut.) This splendid novelty is larger in all its parts than Rhodanth Manglesii, about two feet high, very robust and more

Price.

hardy; fine, glossy, heart-shaped foliage, of graceful bearing, with flowers from one and a half to two inches in diameter, of a bright, deep, rosy carmine, rendered more brilliant by a broad velvety blackish purple crimson belt surrounding the bright yellow disk. In brilliancy of color and graceful habit far surpassing Acroclinium roseum. From Australia.... 25

RHODANTHE MACULATA. Full size of the flower.
(For description see page 22.)

RHODODENDRON, *Ericaceæ.*

A well known and magnificent genus of free-flowering evergreen shrubs; should occupy a prominent place in every garden; thrives best in peaty soil. *Hardy shrubs.*

1650 **Rhododendron arboreum** 50
1651 —— **catawbiens** 25
1652 —— **maximum,** fine American..... 25
1653 —— **ponticum**..... 25
1654 —— **punctatum**..... 25
1655 —— **luteum,** yellow..... 25
1656 —— **nanum,** very handsome as a pot plant, covered with a profusion of scarlet blossoms, 1 ft..... 25

RICINUS (Castor Oil Bean), *Euphorbiaceæ.*

A magnificent and highly ornamental genus. The picturesque foliage and stately growth, combined with brilliant-colored fruit, of the new varieties, impart to select plantations, shrubbery and mixed flower borders quite an oriental aspect. In the gardens round Paris they form one of the principal features of attraction; and, if planted out and grown as single specimens on our lawns and pleasure-grounds, as an ornamental foliage plant, they would form a new and striking feature. *Half-hardy annuals.*

1657 RICINUS AFRICANUS HYBRIDUS, rose-colored hybrid, very handsome, new, 7 ft.....5 seeds, 25
1658 —— GIGANTEUS, plant and leaves of enormous size, new, 12 ft..... 25
1659 —— INSIGNIS, new, splendid, 7 ft.....5 seeds, 25
1660 —— SANGUINEUS TRICOLOR. This effectful species has its stems and leaves colored green, brown, and red; one of the most striking novelties of the season, 7 ft. .....3 seeds, 50
1661 —— **For other varieties,** see Catalogue No. 2, page 31.

RIVINA, *Phytolaceæ.*

An exceedingly ornamental shrub when fruiting. The berries of this genus form the principal portion of the food of the American nightingale. Grows freely in any light soil. *Greenhouse shrub.*

1662 **Rivina humilis,** white fruit, in bunches; from West Indies, 2 ft..... 25

Price.

SALVIA, *Labiatæ.*

Strikingly ornamental plants for conservatory and out-door decoration, growing freely in any light, rich soil, and producing a magnificent effect in beds, ribbons, or edgings, where their beautiful spikes of bloom are produced in the greatest profusion. They all bloom the first season from seed.

1663 **Salvia argentea,** fine large silvery foliage, of great substance, splendid, from Crete, 3 ft. 25
1664 —— **bicolor,** rose and white, from South America, 3 ft. 25
1665 —— **coccinea,** scarlet, handsome, 1½ ft. 10
1666 —— —— **nana,** scarlet, beautiful, 1 ft. 25
1667 —— —— **nana nova** 10
1668 —— —— **nana hybrida** 25
1669 —— —— **nana splendens** 25
1670 —— —— PUMILA, a dwarf dark red variety, forming a compact, handsome bush; a very useful half-hardy bedding annual 25
1671 —— PUNICEA STRICTA, a fine blood-red flowered variety, with densely-set flowered spikes, and of elegant habit 25
1672 **For other varieties,** see Catalogue No. 2, page 31.

SALPIGLOSSIS, *Scrophulariaceæ.*

Highly ornamental and extremely useful Alstrœmeria-like plants, for autumn decoration. Their curiously pencilled and marbled funnel-shaped flowers produce a beautiful effect in beds and mixed borders. They are of the easiest culture, succeeding in any light rich soil. *Half-hardy annual.*

1673 SALPIGLOSSIS HYBRIDA SPLENDENS, brilliant scarlet, a new and most beautiful variety 25
1674 —— **For a fine collection of all the older varieties,** see Catalogue No. 2, page 31.

SCHINUS, *Anacardiaceæ.*

An elegant, ornamental, and highly fragrant greenhouse shrub, with beautiful bunches of waxy, currant-like fruit. The plant forms a desirable drawing-room ornament, and is easily cultivated; seeds sown in spring make handsome autumn plants. It succeeds out of doors in summer.

1675 **Schinus molle** (Pepper Shrub), from Peru, 6 ft. 25

SCOTANTHUS.

A beautiful fast-growing annual climber, with elegant foliage, covered with pure white flowers, imitating those of Mandevillea suaveolens, and splendid oblong scarlet fruits.

1676 SCOTANTHUS TUBIFLORUS, a magnificent novelty .....4 seeds, 1 00

SICYOSPERMA.

An elgant, very fast growing hardy climber, with thickly set small foliage; beautiful for covering walls, rocks, bowers, etc.

1677 SICYOSPERMA GRACILE, a splendid novelty .....12 seeds, 25

SIDA, *Malvaceæ.*

Handsome, free-flowering, easily cultivated greenhouse plants; succeed well in any rich soil.

1678 **Sida angustifolia,** yellow, from Bourbon, 4 ft. 50
1679 —— **Behriana,** from India, 4 ft. 25
1680 —— **Indica,** yellow, centre dark red, from India, 4 ft. 25
1681 —— **grandiflora** 25
1682 —— **pulchella** 25
1683 —— **tiliacea** 10

Price.

SOLANUM, *Solanaceæ.*

A genus of most beautiful ornamental fruit-bearing plants, some of them amongst the most interesting of greenhouse shrubs. Others are the most valuable of ornamental climbers.

1684 **Solanum jasminoides,** white flowers in clusters. 30 ft. *Greenhouse climber,* 50
1685 —— **auriculatum,** violet from Madagascar 4 ft 25
1686 —— **capsicastrum,** see Catalogue No. 2, page 44
1687 —— **heteroganum,** large black fruit, from East Indies, 1½ ft..... 25
1688 —— **Jacquinii,** yellow, from East Indies, 1½ ft..... 50
1689 —— **Sodomætum,** violet, from Africa, 1½ ft..... 25
1690 —— **texanum,** waxy scarlet fruit, of great beauty, from Texas. 2 ft..... 25

SNAPDRAGON (Antirrhinum), *Scrophulariaceæ.*

The Snapdragon, or Antirrhinum, one of our most showy and useful border plants. Amongst the more recently improved varieties of this valuable genus are large, finely shaped flowers, of the most brilliant colors, with beautifully marked throats; will bloom the first season from seed, and are very effective in beds or mixed borders. *Half-hardy perennials.*

1691 **Snapdragon album,** pure white, 2 ft..... 10
1692 —— **brilliant,** scarlet, golden and white, 2 ft..... 10
1693 —— **Crescia,** deep scarlet, 2 ft 10
1694 —— **Delila,** carmine yellow and white, 2 ft 10
1695 —— **Firefly,** orange scarlet, yellow and white, 2 ft..... 10
1696 —— **Galathee,** crimson and white, 2 ft..... 10
1697 —— **Ghestia,** dark blood red, 2 ft..... 10
1698 —— **Henry IV.** vermilion, 2 ft..... 10
1699 —— **papilionaceum,** brilliant crimson, 2 ft. 10
1700 —— **mixed,** all the above varieties..... 10

STATICI, *Plumbaginaceæ.*

A magnificent genus of beautiful greenhouse and out-door plants, remarkable alike for variety of their foliage and the brilliancy and beauty of their flowers; the hardy kinds are splendid for rock-work and the flower borders, while the half-hardy make fine conservatory plants.

1701 **Statici formosa,** rose color. *hardy perennial,* 1 ft..... 10
1702 —— **Fortunii,** white and yellow, *half-hardy perennial,* 1 ft..... 25
1703 —— **Sareptina,** new and rare, *half-hardy perennial,* 1 ft..... 25
1704 —— **sinuata,** purple and yellow, *half-hardy perennial,* 1 ft..... 10
1705 —— **texana,** fine graceful plant, with large heads of pink flowers, *half-hardy perennial,* 2 ft..... 10
1706 **For other varieties,** see Catalogue No. 2, pages 32 and 33.

STOCKS, *Cruciferæ.*

The Stock Gillyflower is one of the most popular, beautiful and important of our garden favorites, and whether for bedding, massing, edging or ribboning, it is unsurpassed, either for brilliancy and diversity of color, or profusion and duration of bloom.

The Ten-week Stock is the most universally cultivated, and usually blooms ten to twelve weeks after being sown; they grow from six to fifteen inches high, and, when grown in rich soil, and occasionally watered with weak guano water, throw out an immense quantity of lateral spikes of bloom, so that each plant forms a perfect bouquet, and it would, indeed, be difficult to surpass the grand effect produced in beds or ribbons by these exquisite gems.

1707 **Stock, ten-week, large-flowered,** comprising only the finest and most distinct colors, yielding fifty per cent. of double flowers, mixed 10
1708 —— —— —— **large-flowered dwarf,** a dwarf variety of the preceding, several splendid colors mixed 10
1709 —— —— —— **new large-flowered pyramidal,** the most popular Stock in cultivation, very choice, received from one of the most celebrated florists in Germany; twelve of the brightest and most distinct colors mixed..... 25

No. Price.

1710 **Stock, ten-week, new large-flowered dwarf,** a new dwarf-growing variety of the preceding, superb, eight splendid colors mixed..... 25

1711 —— —— —— **dwarf early-flowered,** several splendid colors mixed ... 10

1712 —— —— —— **new dwarf bouquet.** These are quite new, and of exceedingly handsome habit of growth, most beautiful for borders; several splendid colors mixed..... 25

1713 —— —— **new hybrid,** in foliage between the wallflower and rough-leaved; several beautiful colors mixed 25

1714 —— —— —— **new giant, or tree,** six superb colors mixed 25

1715 —— **autumnal, new rose-formed rocket,** a most valuable acquisition, with beautiful large flowers and trusses quite distinct; six varieties mixed 25

1716 —— **Brompton, new large-flowered,** the largest flowered class of autumnal and Brompton Stocks, of very healthy and robust growth, immense, large, fine bearing trusses, brilliant colors, giving an unusual percentage of double-flowering plants; twelve most distinct colors mixed, 25

1717 —— **For many other varieties,** embracing some of the most popular sorts; also, important notes on the different classes, see Catalogue No. 2, page 33.

SUTHERLANDIA, *Leguminosæ.*

An exceedingly beautiful little greenhouse shrub, with handsome Clianthus-like flowers; succeeds best in peat and loam.

1718 **Sutherlandia frutescens,** scarlet, from Cape of Good Hope, 3 ft..... 25

1719 —— SPECIOSA COCCINEA, a splendid new flowering shrub, with racemes of dark red flowers, much like Clianthus 50

SYCIOS.

A fast-growing climbing annual.

1720 **Sycios angulata**..... 10

TAGETES SIGNATA PUMILA. Full size of the flower.

TAGETES, *Compositæ.*

Elegant free-flowering plants, with pretty foliage, very effective in mixed borders; succeeds best in a light, rich soil. *Half-hardy annuals.*